JUN 30 2004
PATENT & TRADEMARK OFFICE

PATENT APPLLICATION
Attorney's Do. No. 8075-020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL	MAILING LABEL NO. EV431683040US DATE OF DEPOSIT: JUNE 30, 2004

I HEREBY CERTIFY THAT THIS PAPER AND ENCLOSURES AND/OR FEE ARE BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO: MAIL STOP PETITION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450

HILLARY DIXON (SENDER'S PRINTED NAME)

H. Dixon (SIGNATURE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. patent application:

BRENT LEBACK ET AL

Serial No. 09/174,057 Group Art Unit: 2782

Filed: October 16, 1998 Examiner: H. Kim

For: A TIGHTLY COUPLED AND SCALABLE MEMORY AND EXECUTION UNIT ARCHITECTURE

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Enclosed are the following:

1. Petition for Revival of an Application for Patent Abandoned Unintentionally Under 37 CFR 1.137(b).

   Assignee claims small entity status. See 37 CFR 1.27

2. Form PTO 85B

3. Petition fee (small entity) (37 CFR 1.17(m): $665

4. Issue fee: $665

5. 42 sheets of formal drawings

6. Power of Attorney

7. Copy of Sheriff's Certificate of Sale of Personal Property recorded in Reel/Frame 013887/0798 (2 pages), on August 21, 2003

8. PTO Form 2038 authorizing credit card payment for the above-listed fees is enclosed ($1,330). Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Customer No.
20575
PATENT TRADEMARK OFFICE

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

By _____
Alexander C. Johnson, Jr.
Reg. No. 29,396

1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

OIPE JC61
JUN 30 2004
PATENT & TRADEMARK OFFICE

PATENT APPLICATION
Attorney's Docket No. 8075-020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: BRENT LEBACK ET AL

U.S. Serial No. 09/174,057 Group Art Unit 2782

Filed: October 16, 1998 Examiner: H. Kim

For: TIGHTLY COUPLED AND SCALABLE MEMORY AND EXECUTION UNIT ARCHITECTURE

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)

The above-identified application became abandoned for failure to timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

1. PETITION FEE:

Assignee claims small entity status. See 37 CFR 1.27

Small entity fee (37 CFR 1.17(m)): $665

2. REPLY AND/OR FEE:

Enclosed are:
a. 42 sheets of formal drawings
b. Form PTO 85b
c. issue fee of $665

3. TERMINAL DISCLAIMER WITH FEE:

Since this utility patent was filed on or after June 8, 1995, no terminal disclaimer is required. However, if such a disclaimer is required, assignee will submit same.

4. STATEMENT

MARGER JOHNSON & MCCOLLOM, P.C., an Oregon professional corporation, having a place of business at 1030 S.W. Morrison Street, Portland, Oregon 97205, acquired the rights above-described U.S. patent application Serial No. 09/174,057 for TIGHTLY COUPLED AND SCALABLE MEMORY AND EXECUTION UNIT ARCHITECTURE, among other US patent/ applications by virtue of the Sheriff's Certificate of Sale of Personal Property, issued by the Sheriff-Coroner of County of Santa Cruz, California, Sheriff's File No. 03-11763, said Certificate of Sale recorded in Reel/Frame 013887/0798 (2 pages), on August 21, 2003 (copy enclosed), pursuant to the Writ of Execution issued by the Superior Court, Santa Cruz County, California, on April 30, 2003 on a judgment entered in Court Case No. CV 139759, on March 1, 2001, said Judgment and Writ recorded in Reel/Frame 011390/0727 (19 pages) on March 15, 2001.

The entire delay in filing the required reply/fee from the due date for the required reply until filing of a grantable petition under 37 CFR 1.137(b) was unintentional.

5. MANNER OF PAYMENT

Enclosed is PTO Form 2038 authorizing credit card payment for the above-listed fees. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Respectfully submitted,
MARGER JOHNSON & McCOLLOM, P.C.

20575
Customer No.

By _____
Alexander C. Johnson, Jr.
Registration No. 29,396

Marger Johnson & McCollom, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

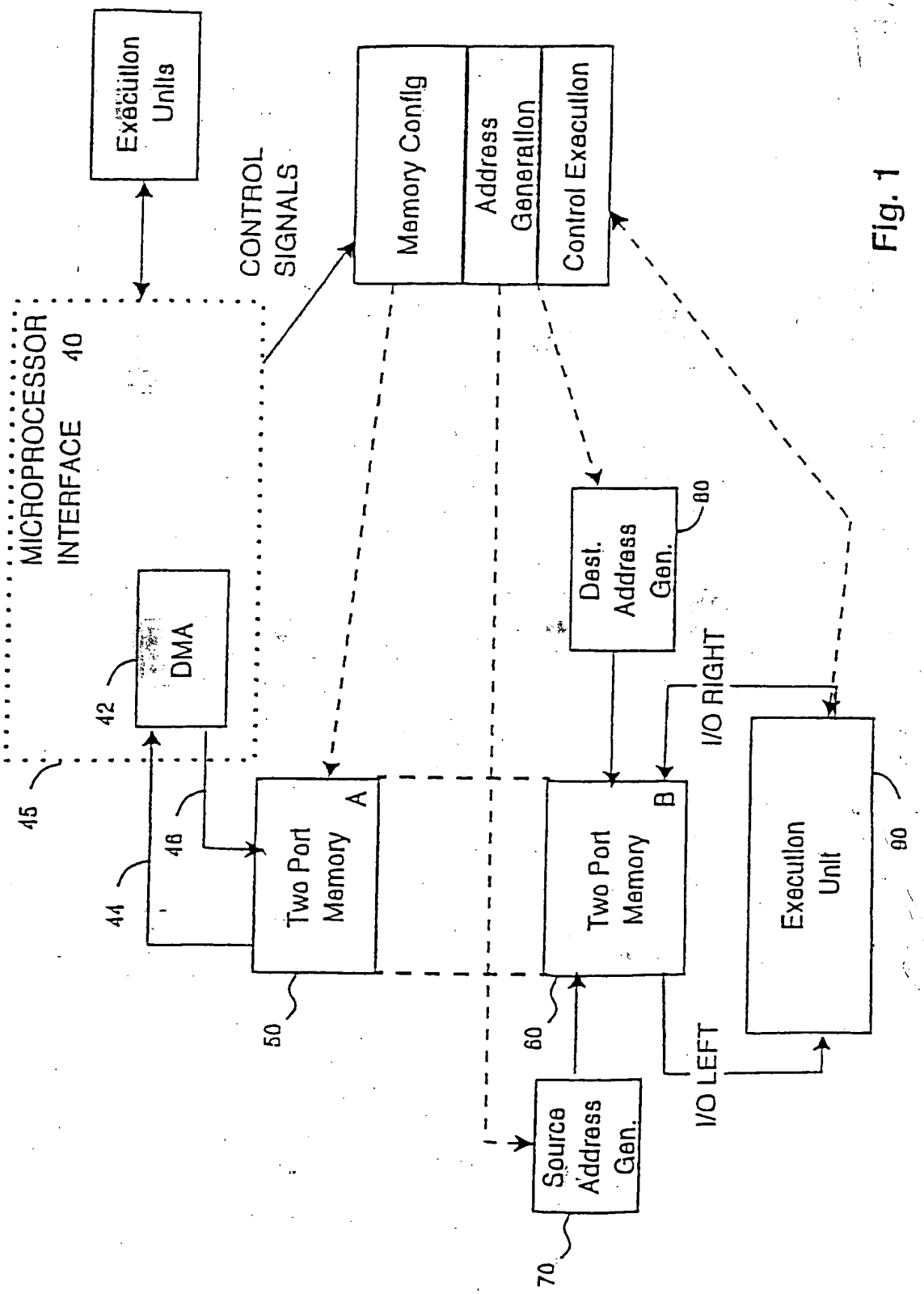

Fig. 1

OIPE JC 61
JUN 30 2004
PATENT & TRADEMARK OFFICE

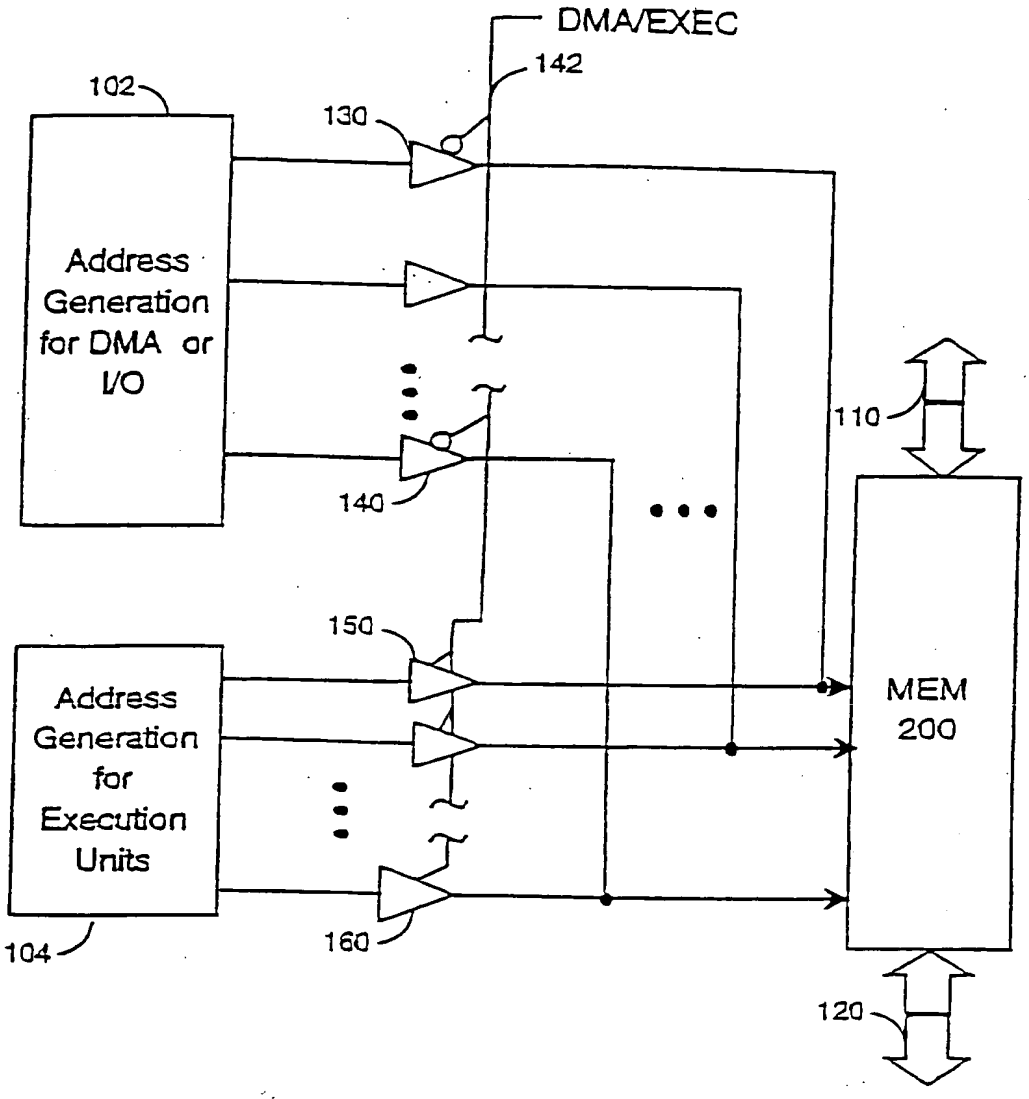

FIG. 2

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

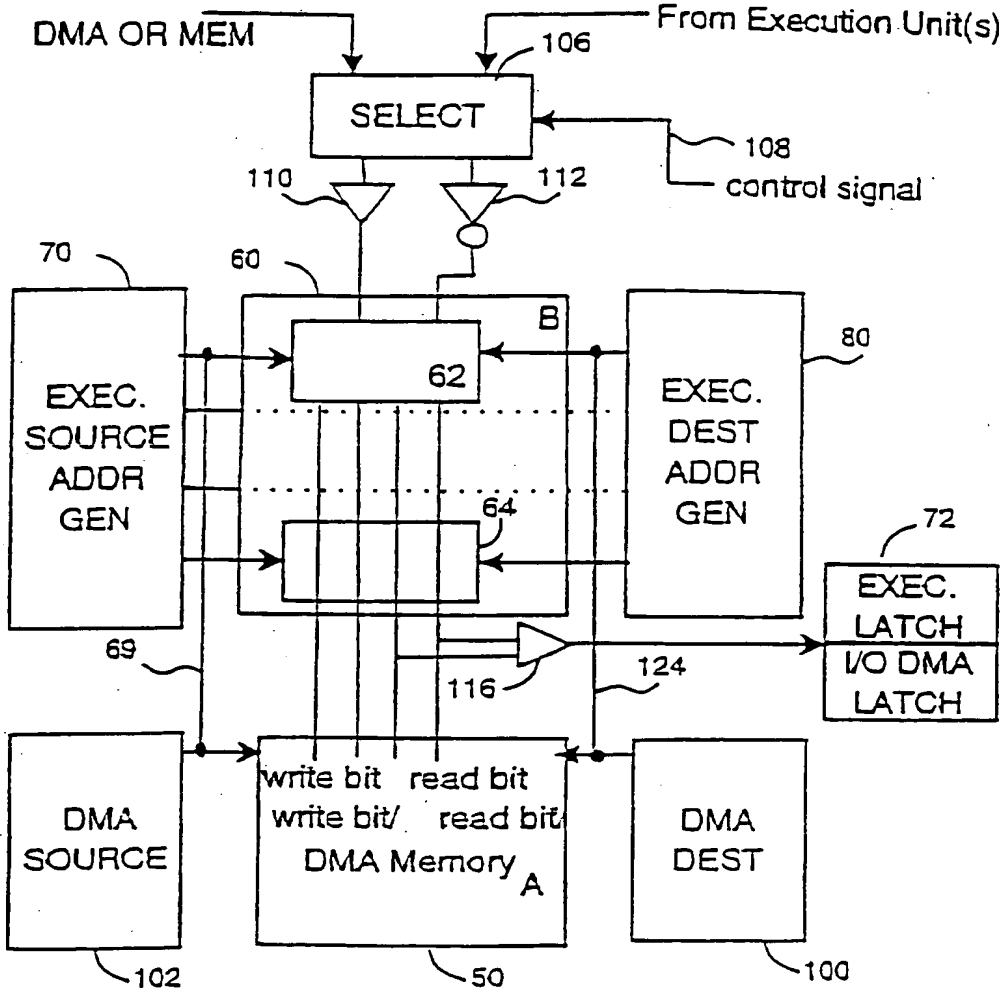

Fig. 3

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

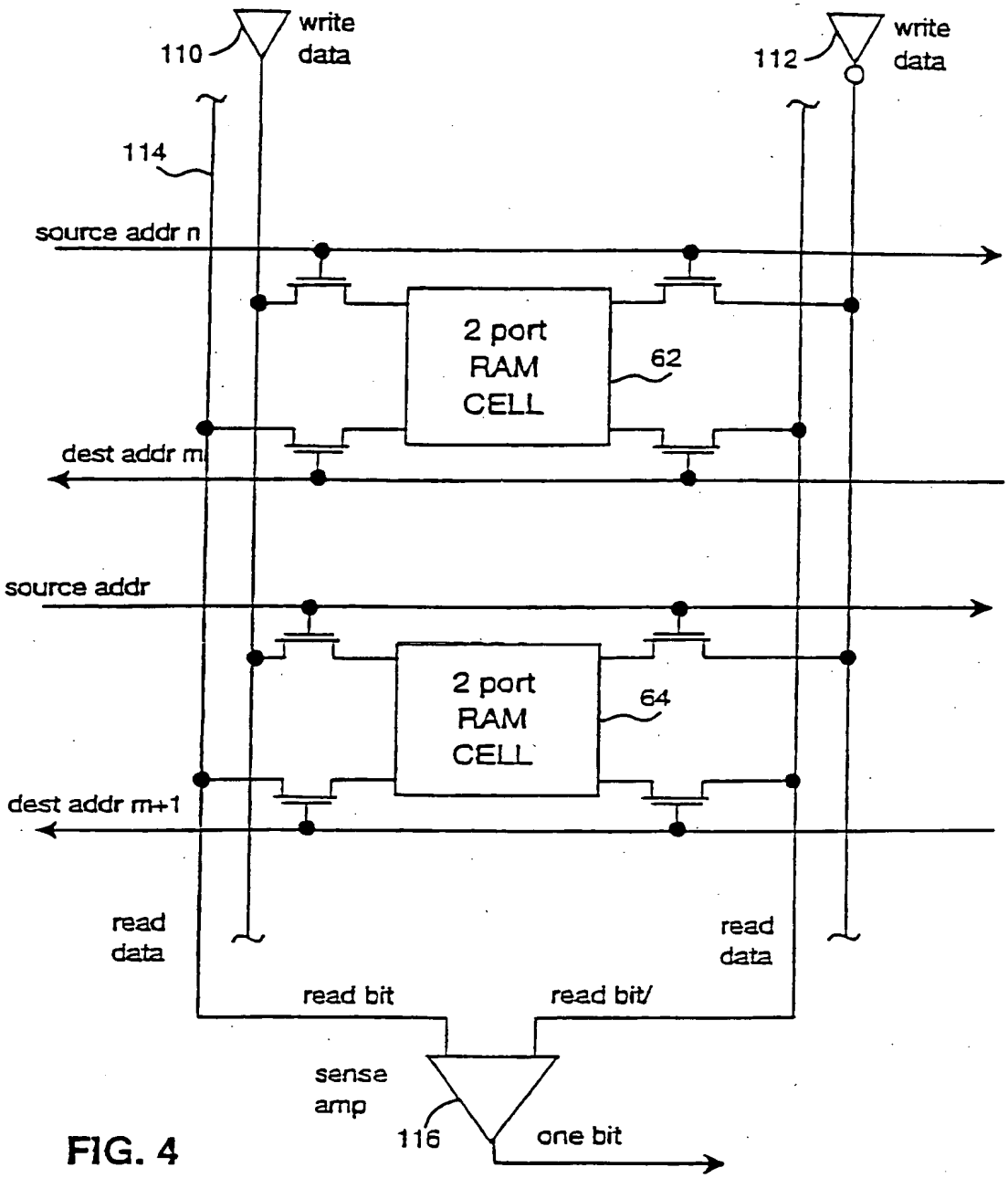

FIG. 4

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

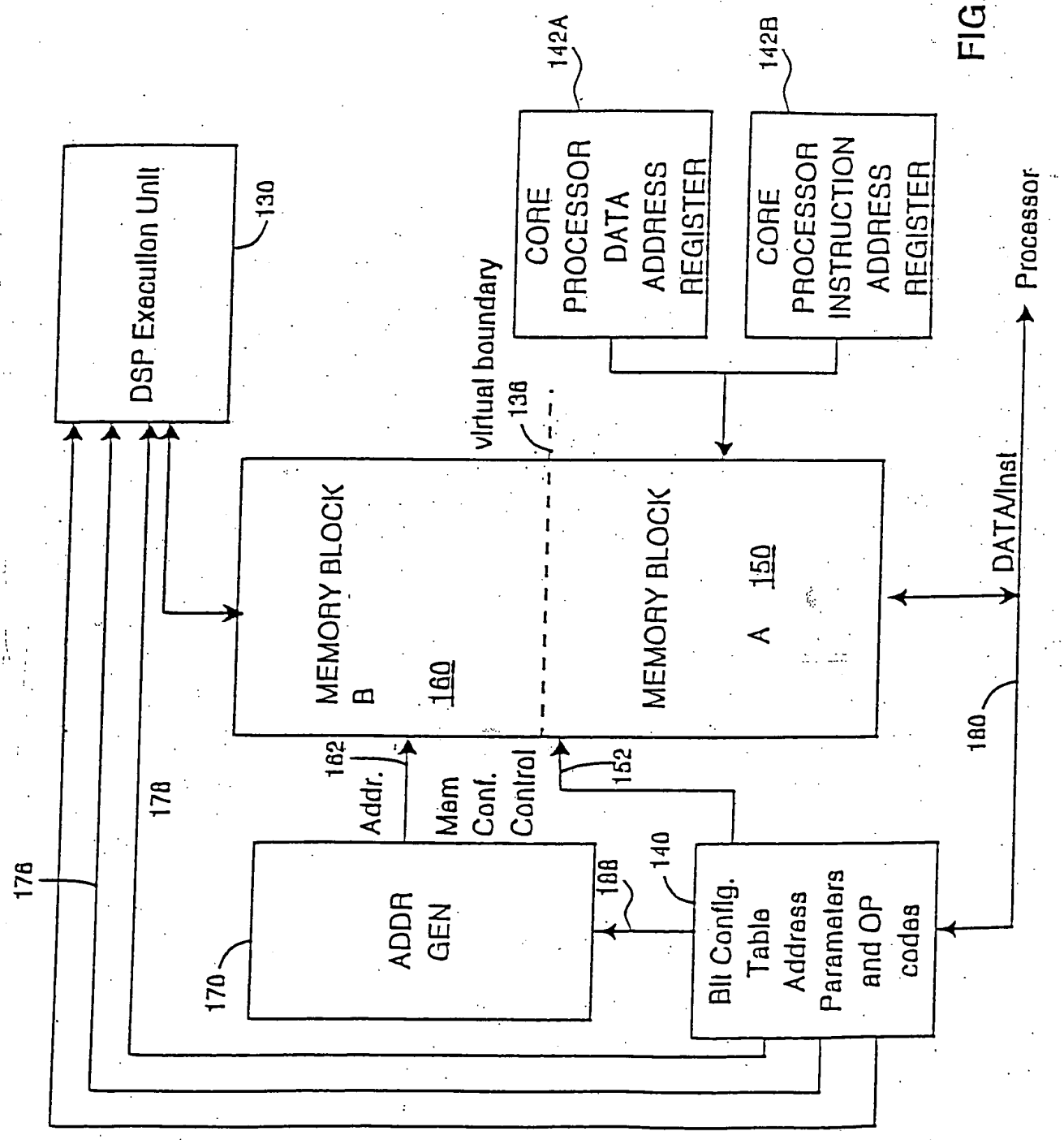

FIG. 5A

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

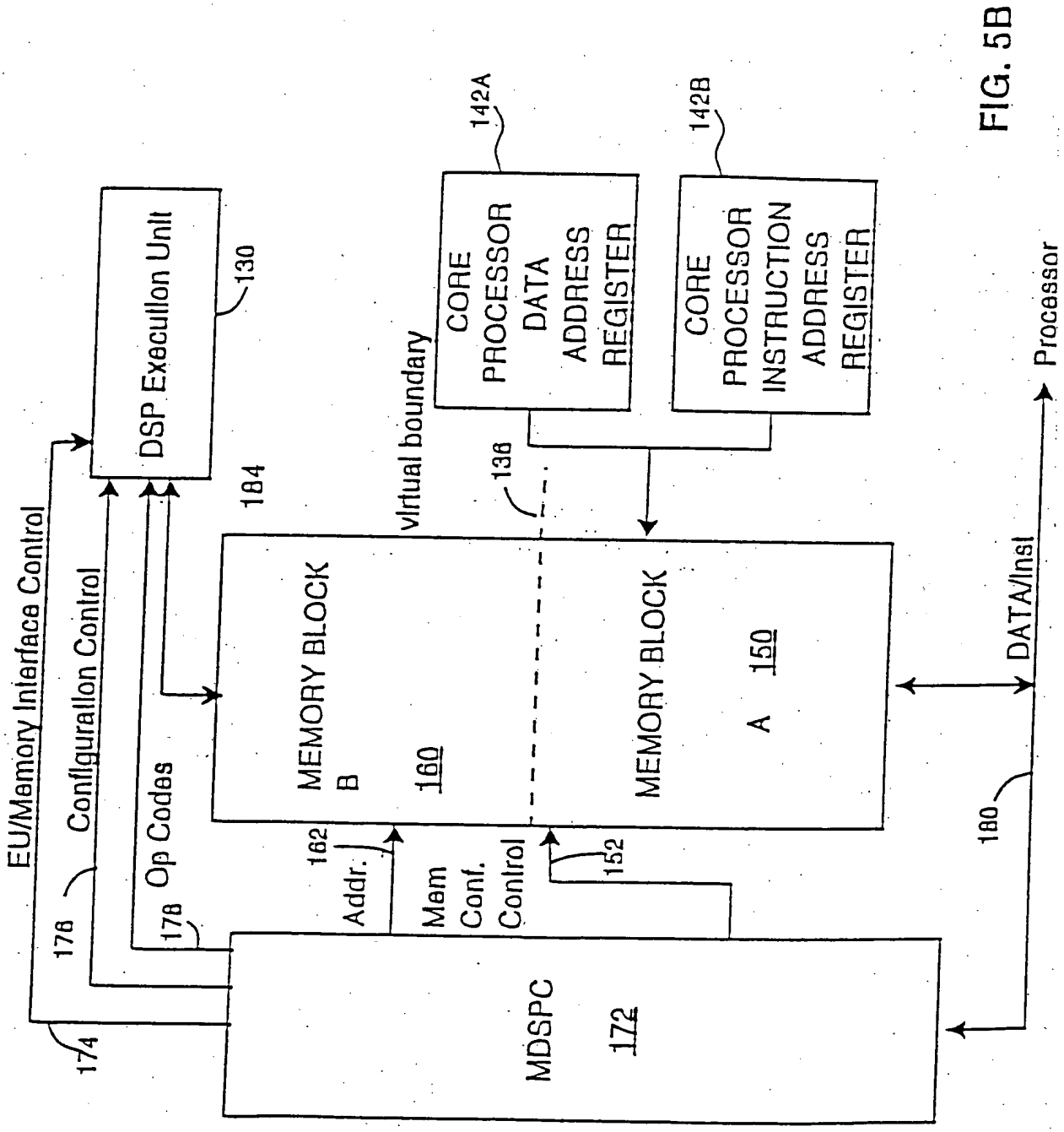

FIG. 5B

OIPE JUN 30 2004 PATENT & TRADEMARK OFFICE

OIPE JUN 30 2004 PATENT & TRADEMARK OFFICE

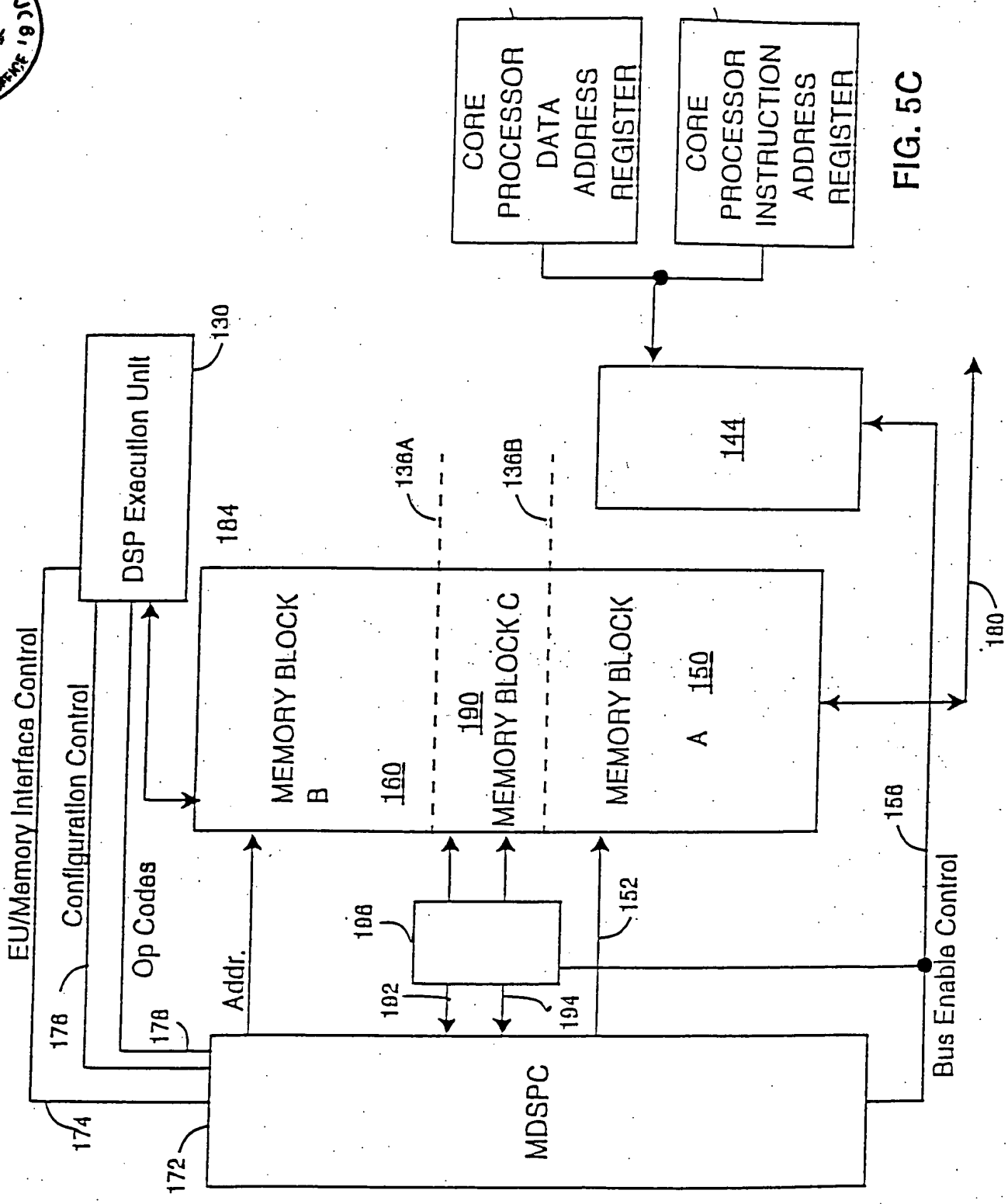

FIG. 5C

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

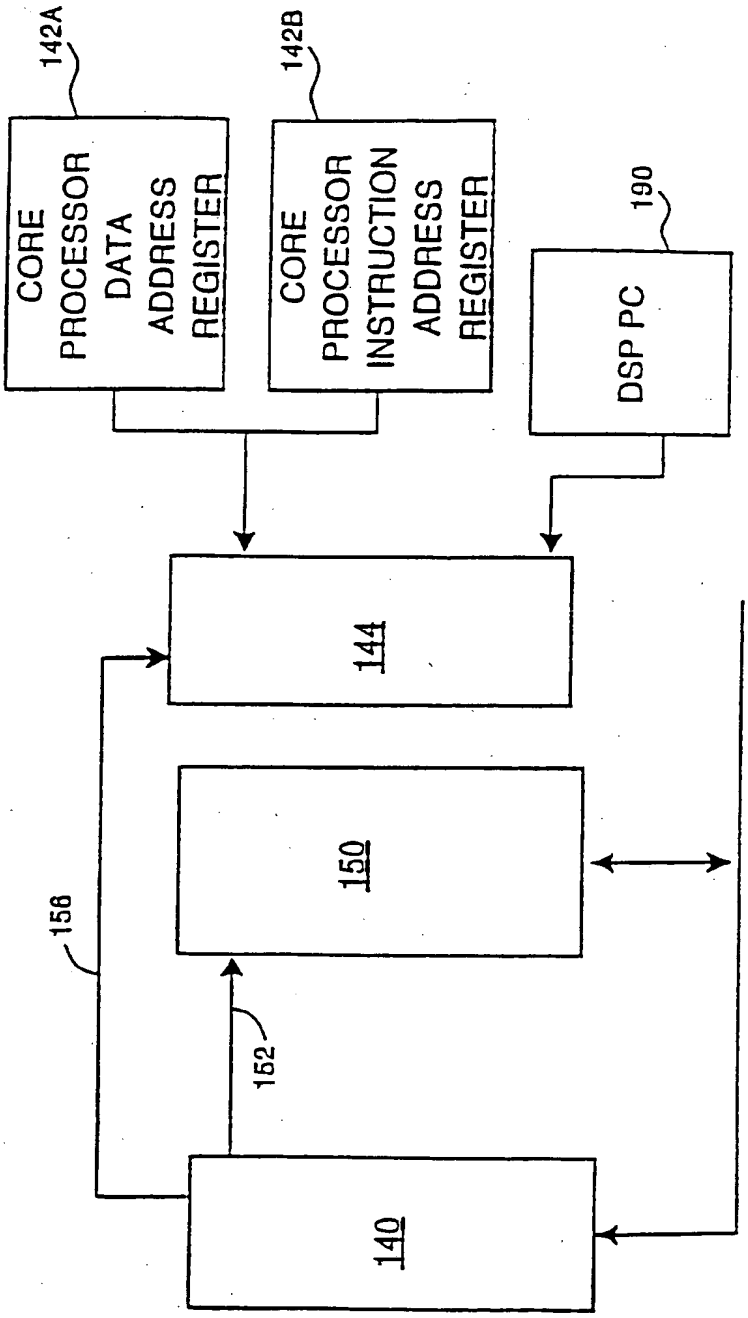

FIG. 6A

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

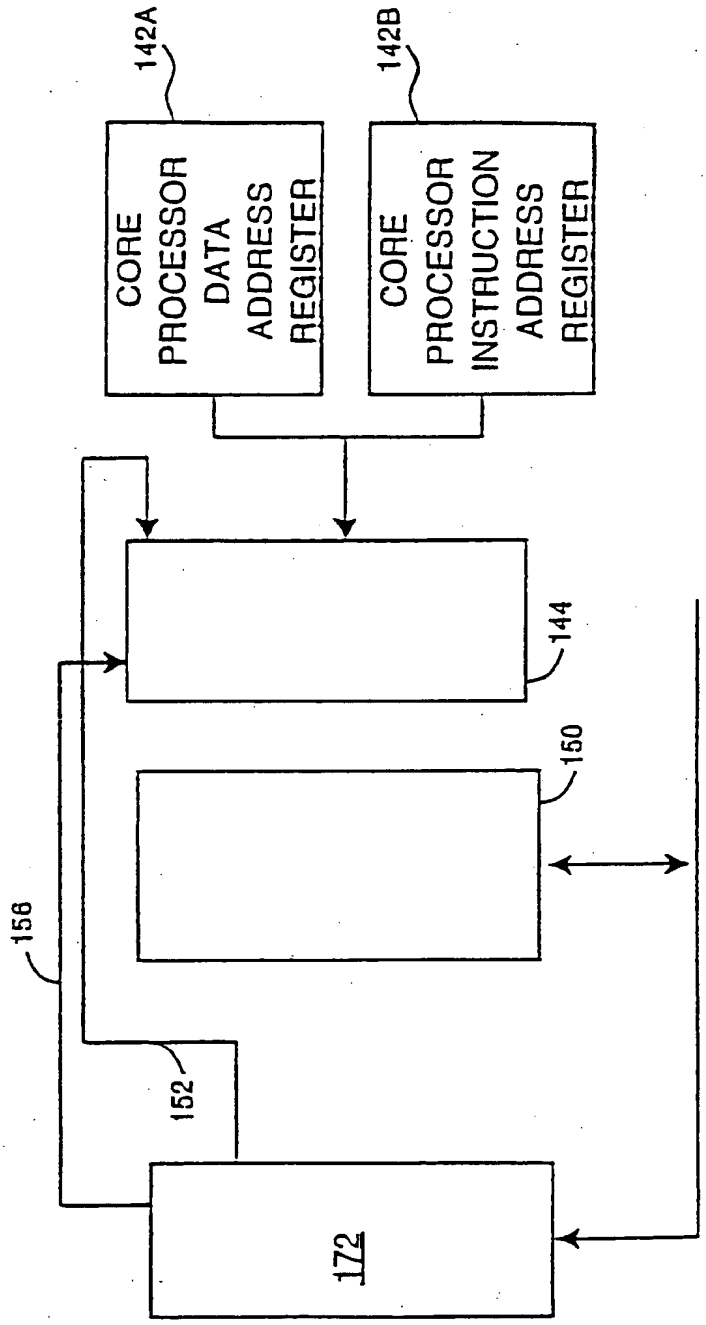

FIG. 6B

OIPE JC 61
JUN 30 2004
PATENT & TRADEMARK OFFICE

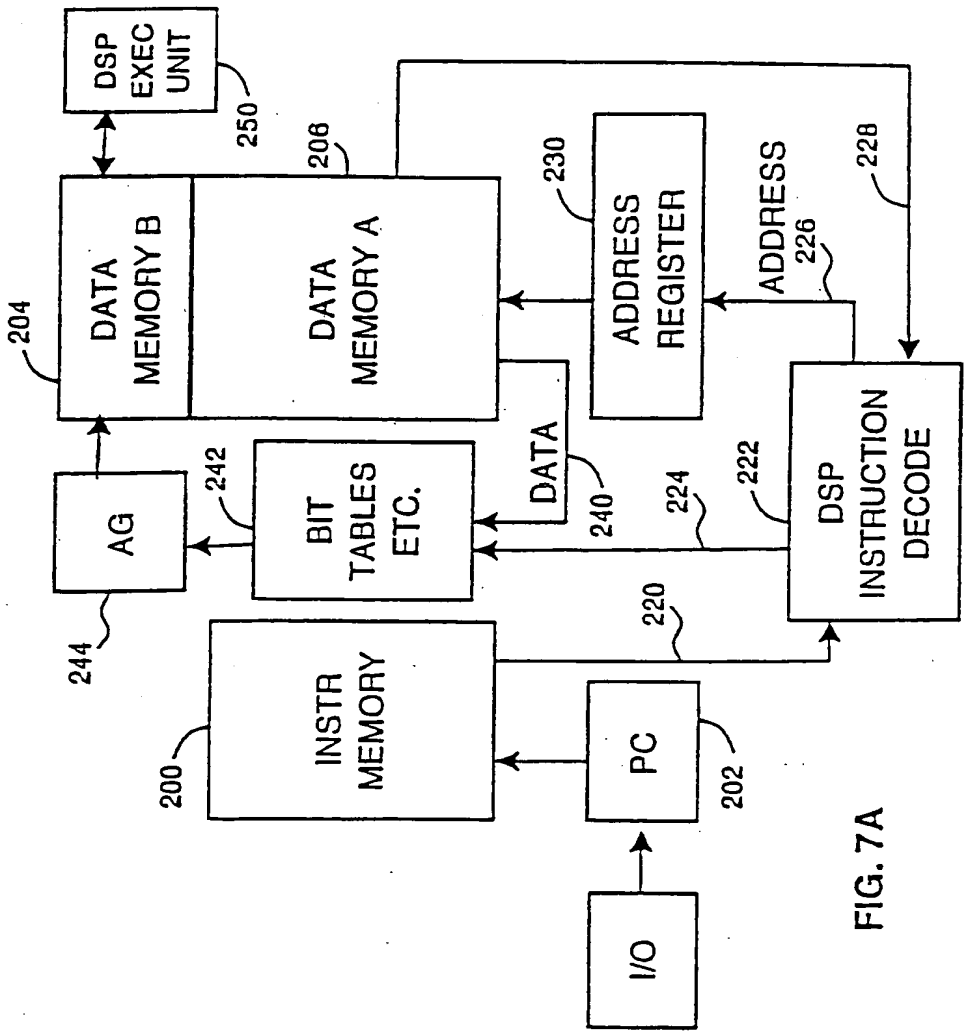

FIG. 7A

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

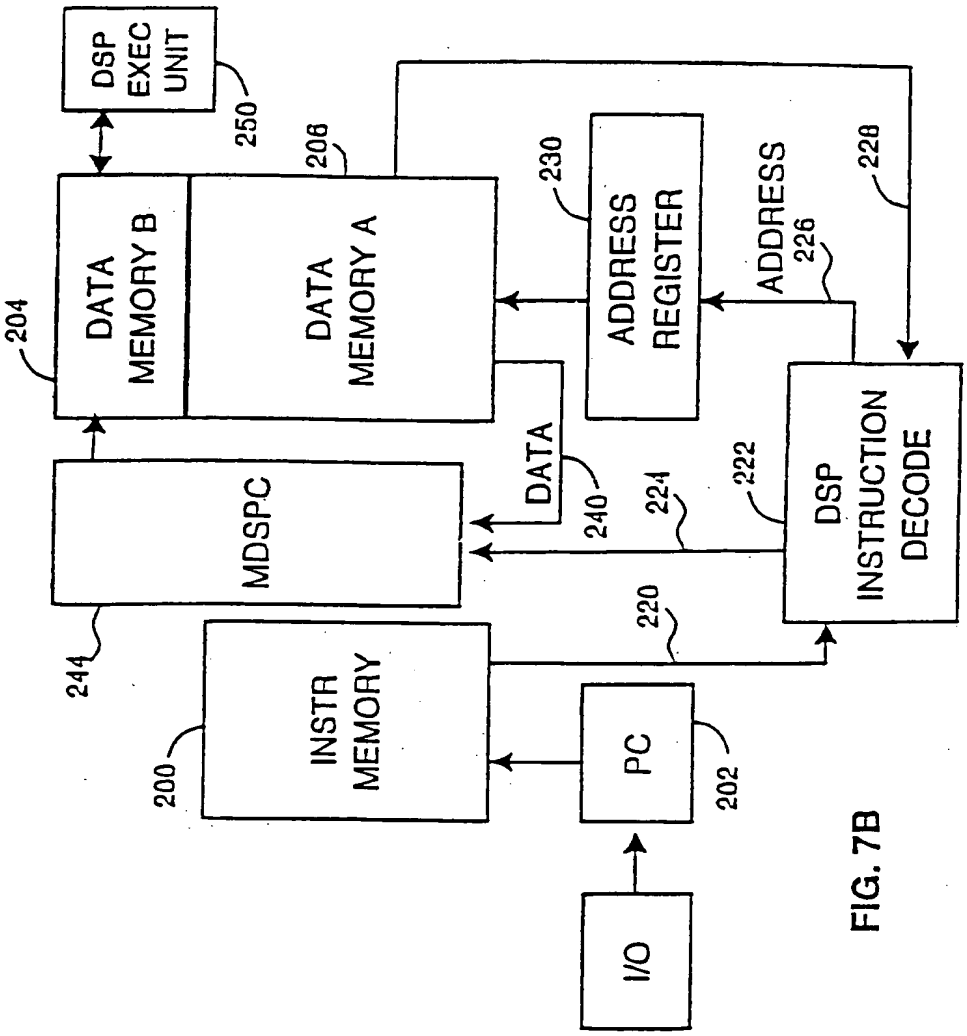

FIG. 7B

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

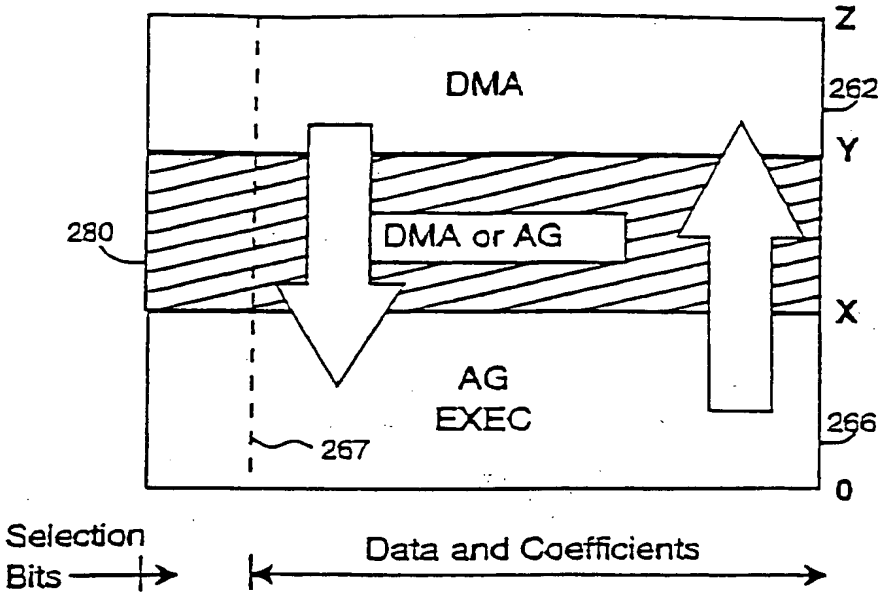

FIG. 8

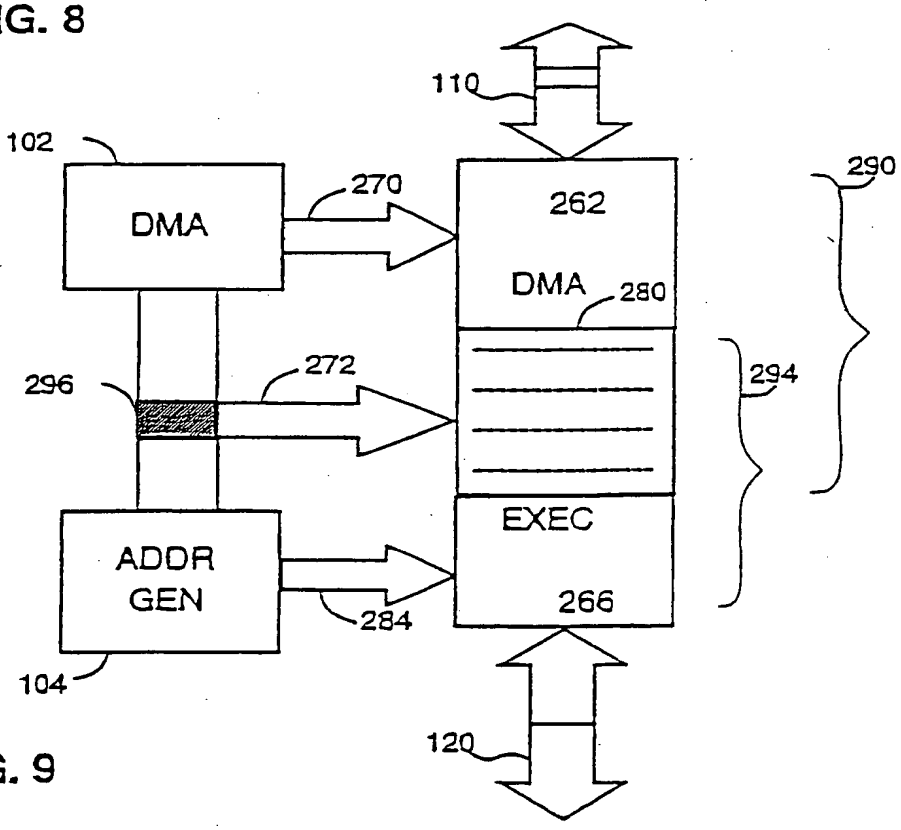

FIG. 9

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

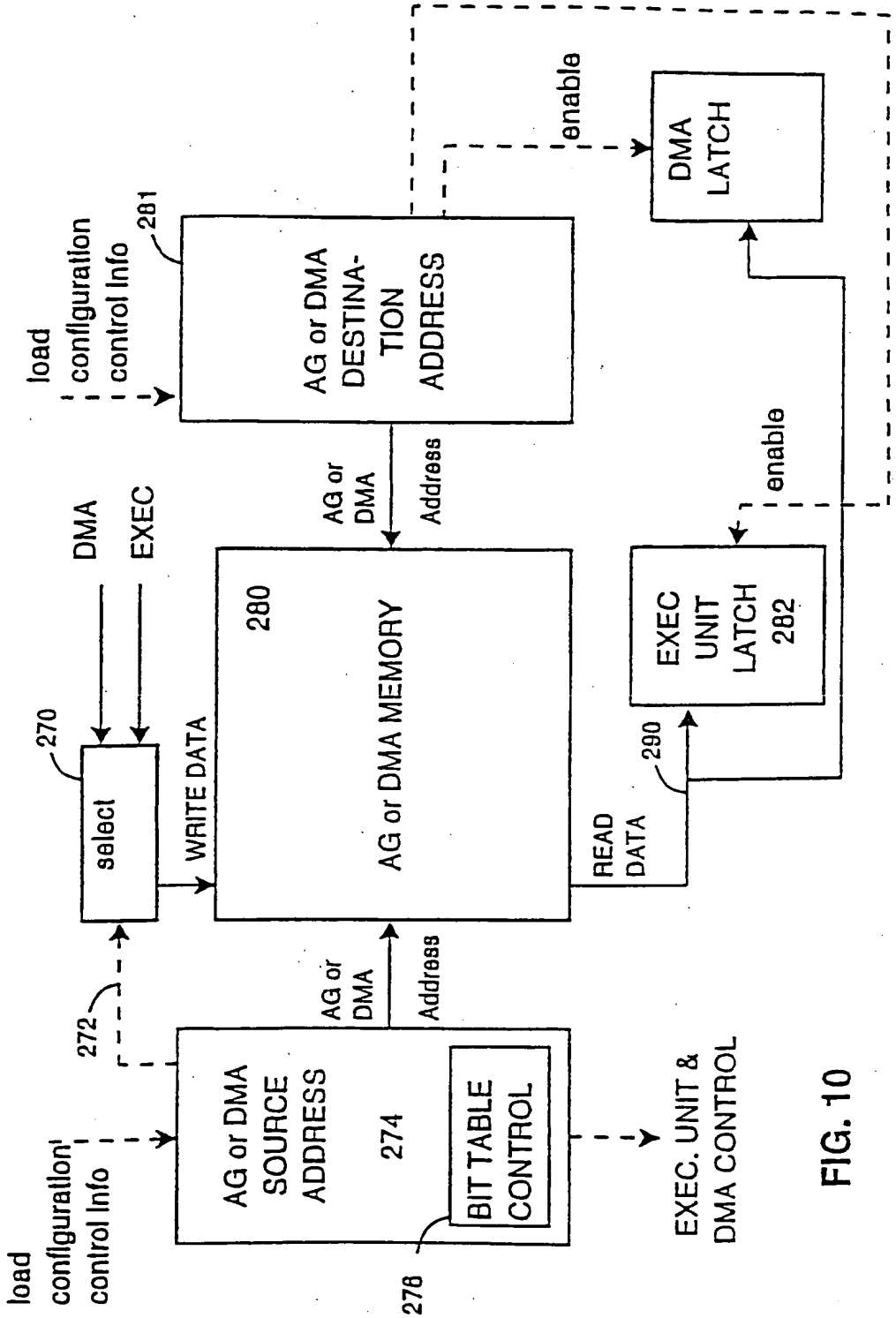

FIG. 10

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

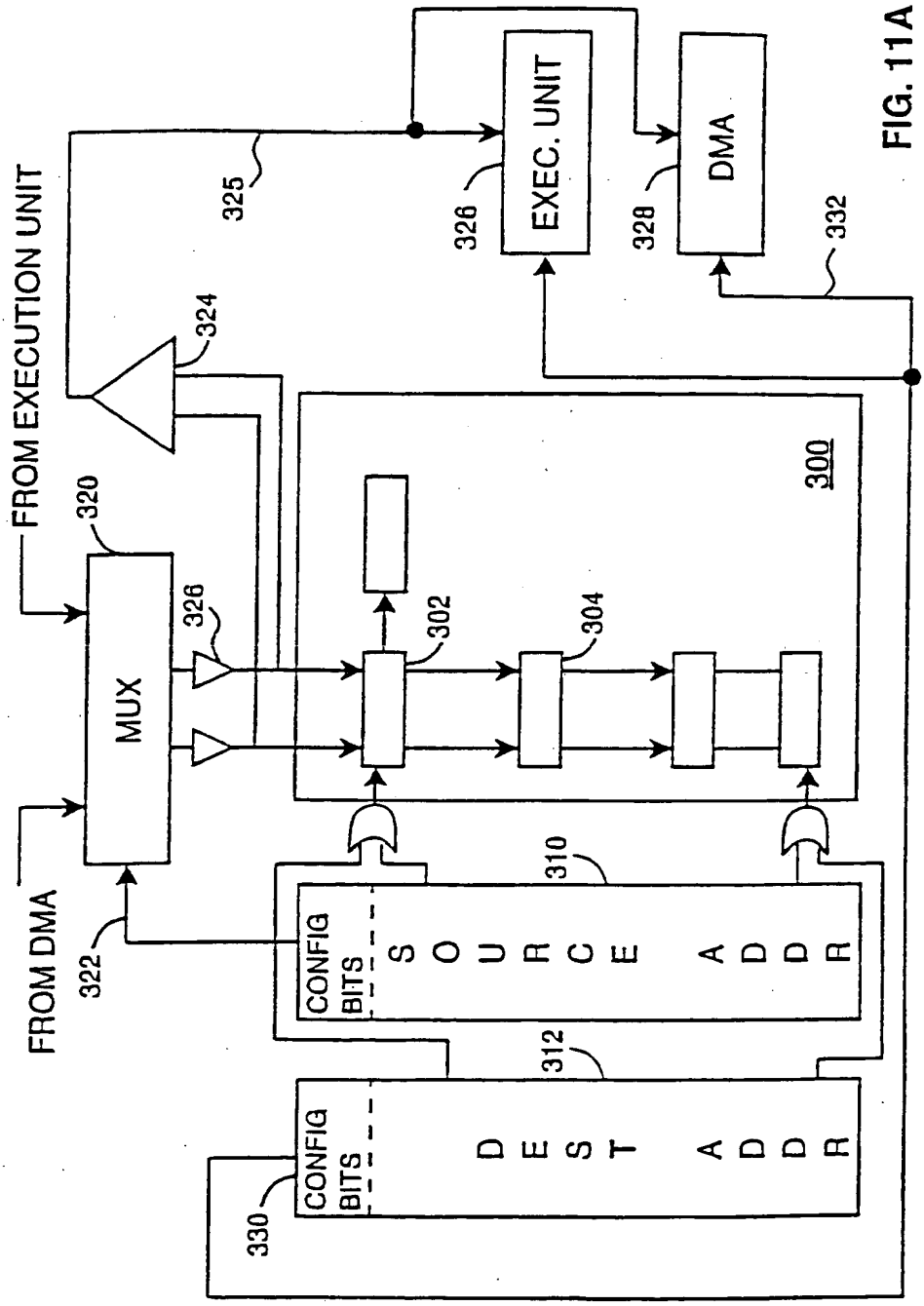

FIG. 11A

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

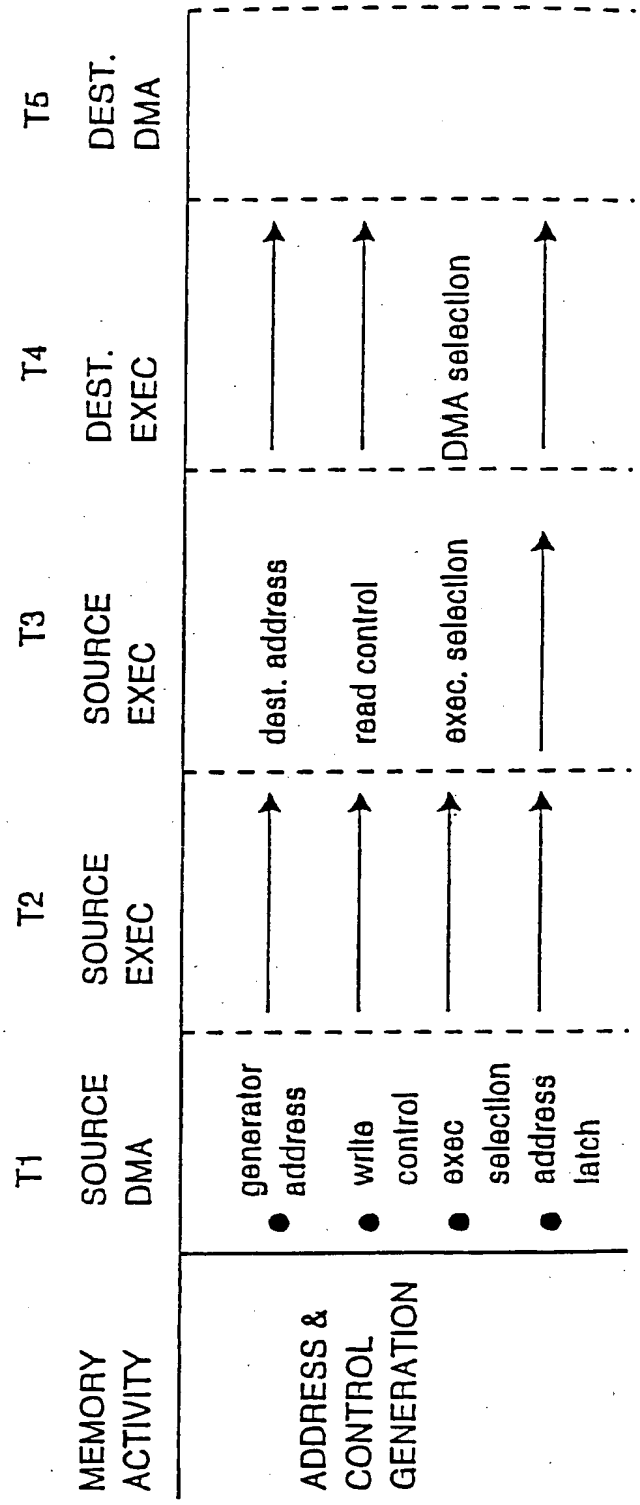

FIG. 11B

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

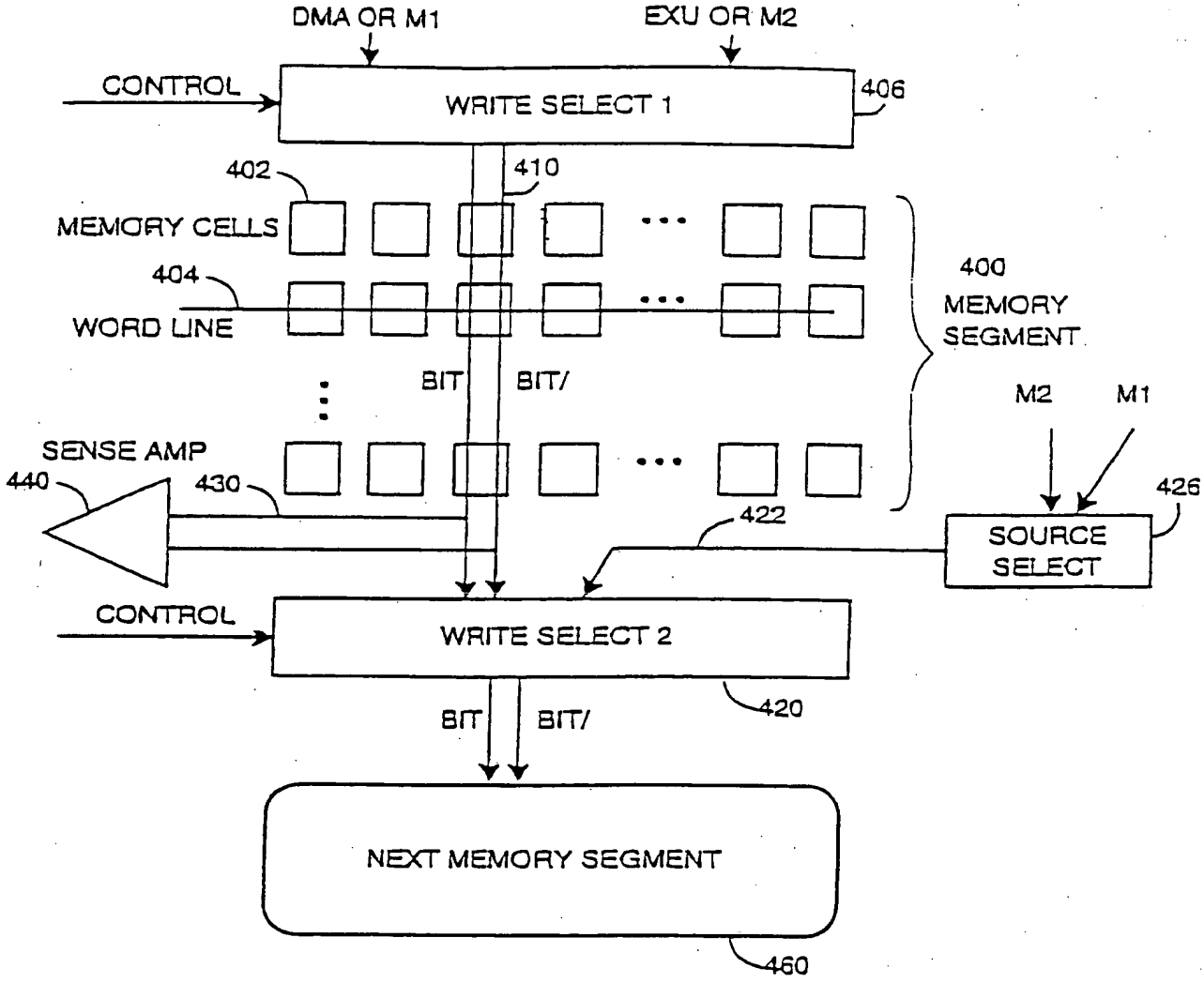

FIG. 12

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

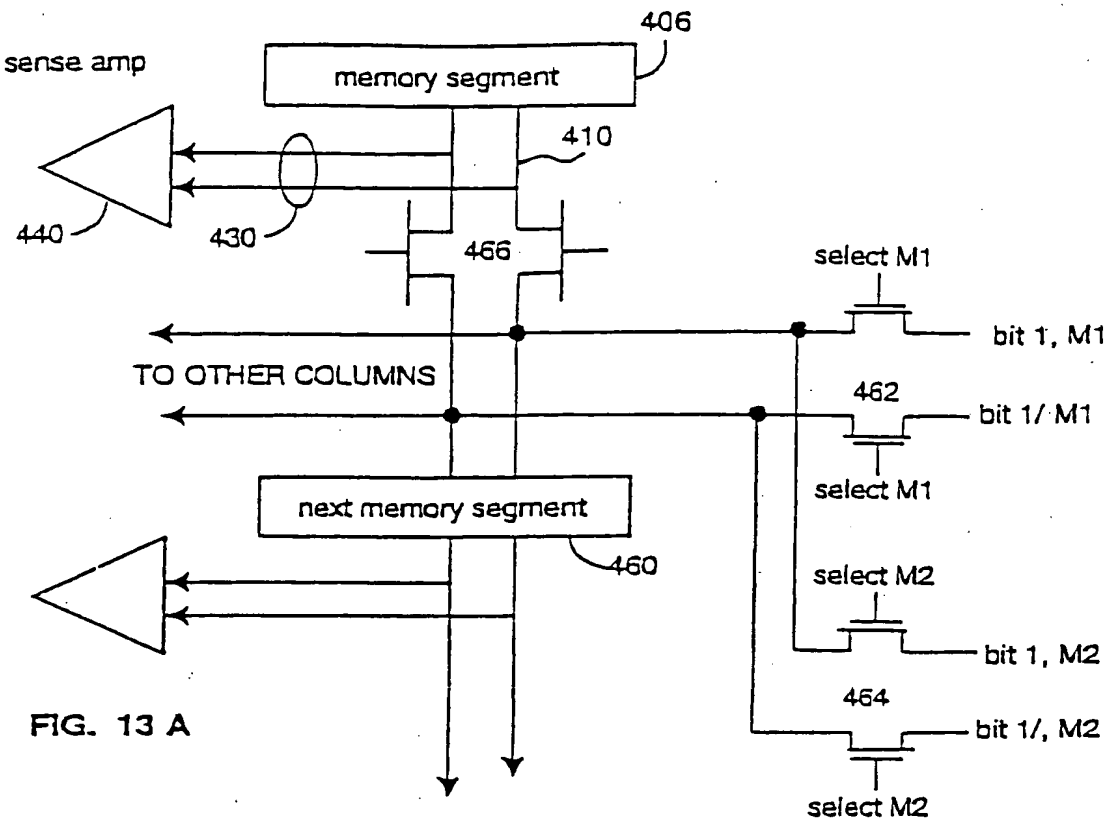

FIG. 13 A

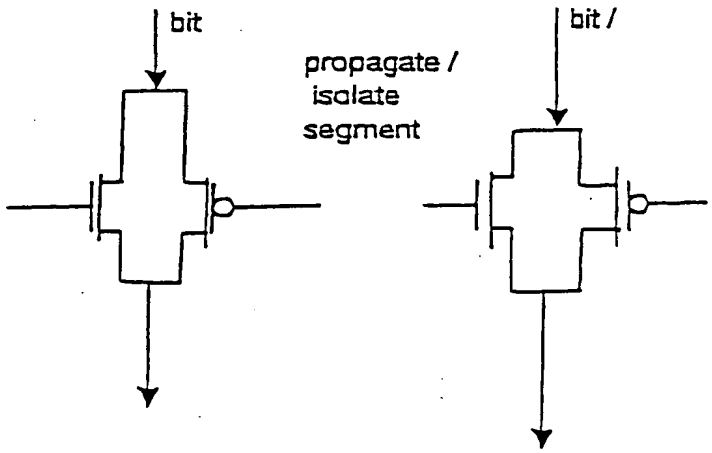

FIG. 13 B

OIPE JC81
JUN 30 2004
PATENT & TRADEMARK OFFICE

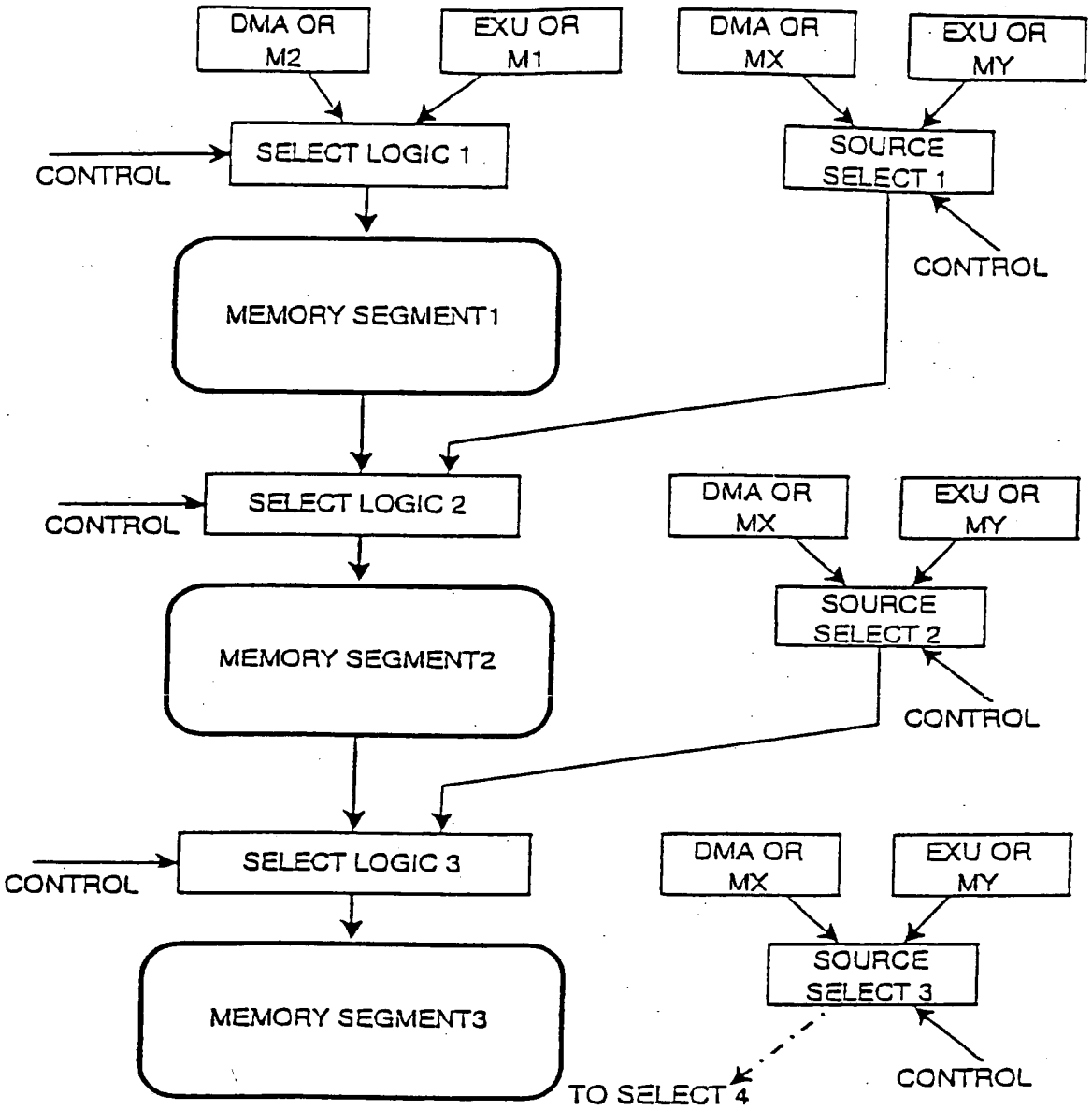

FIG. 14

JUN 30 2004
PATENT & TRADEMARK OFFICE

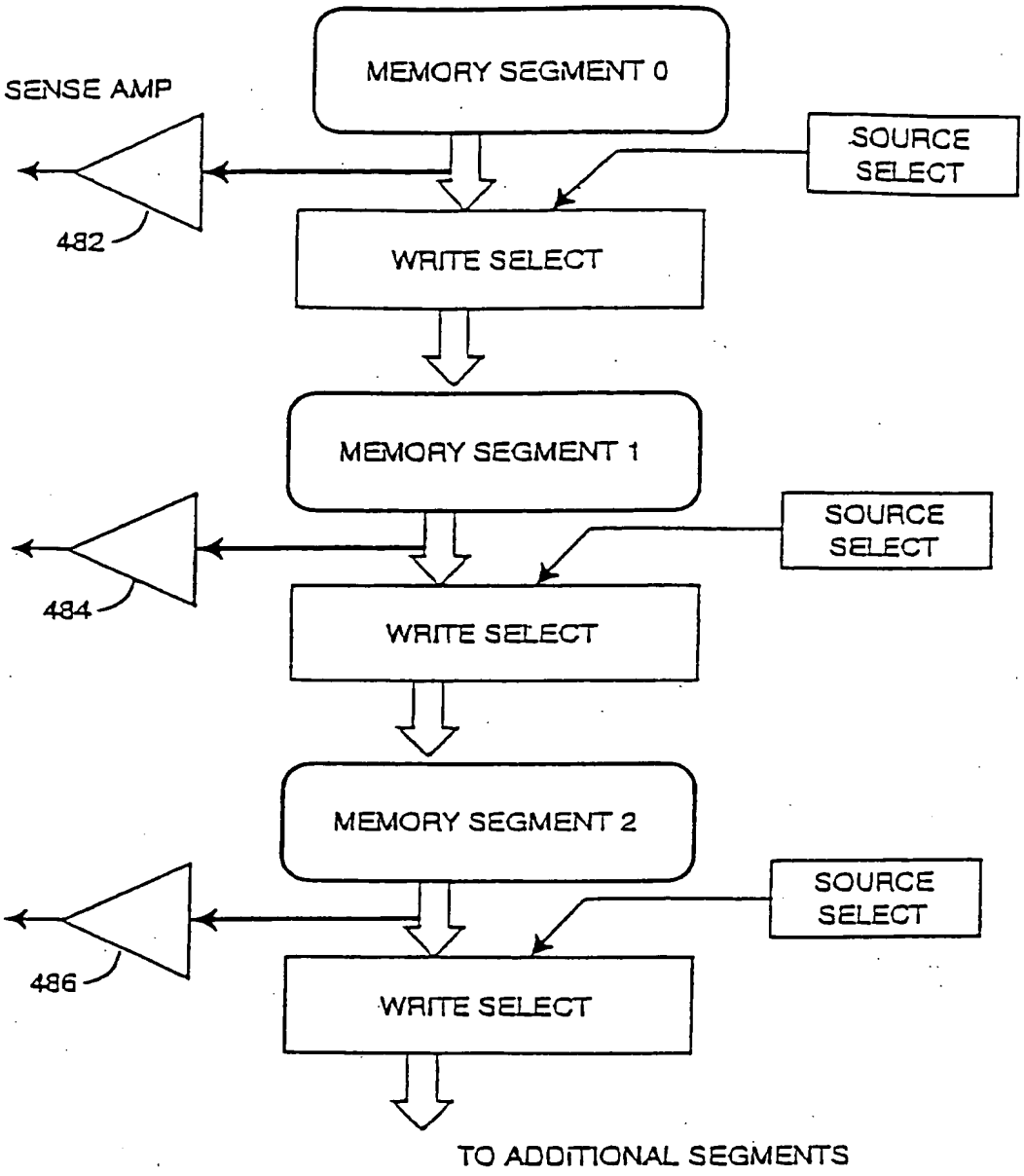

FIG. 15

JUN 30 2004
PATENT & TRADEMARK OFFICE

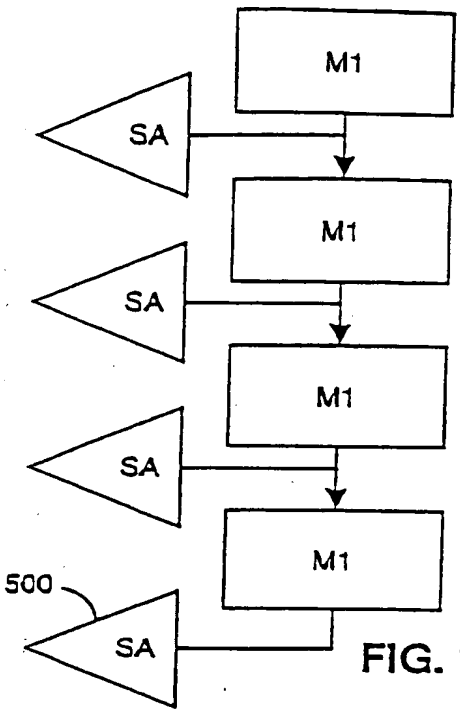

FIG. 16A

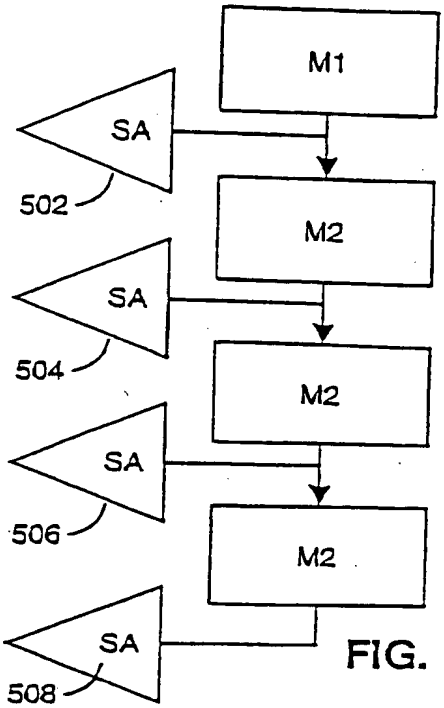

FIG. 16B

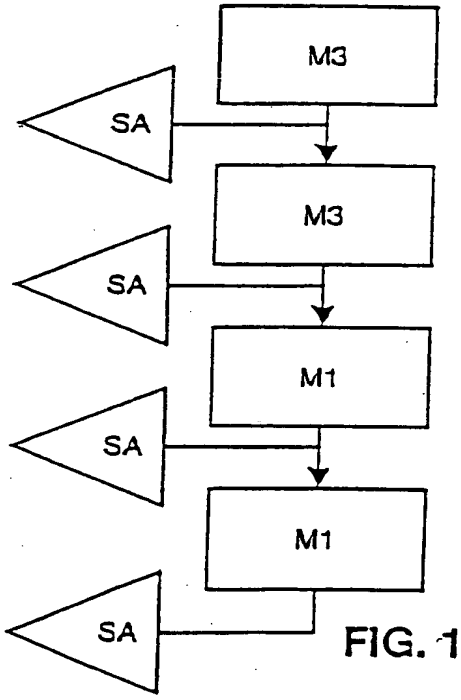

FIG. 16C

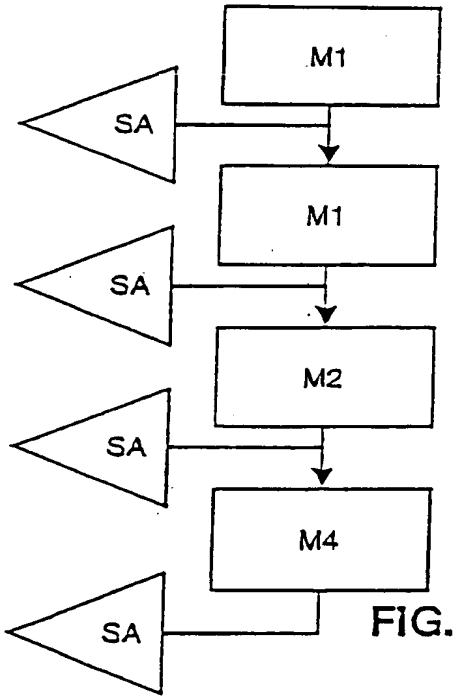

FIG. 16D

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

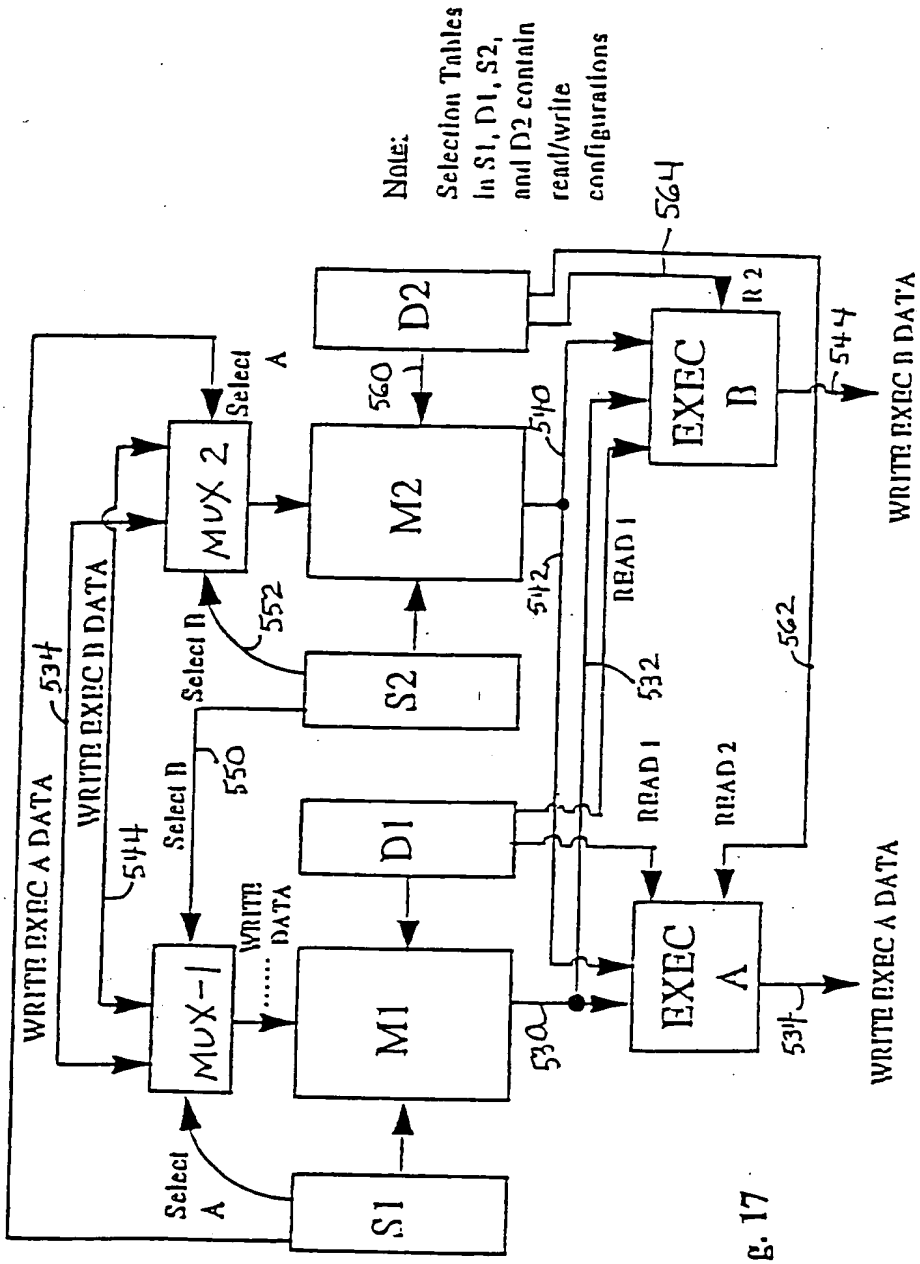

Fig. 17

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

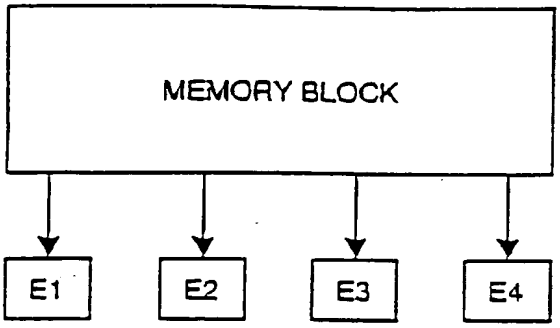

FIG. 18A

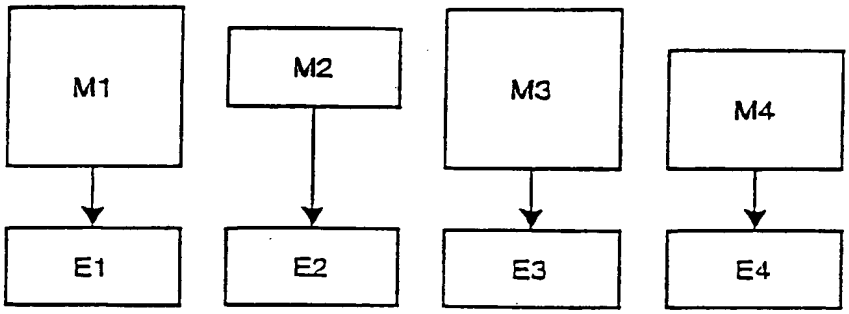

FIG. 18B

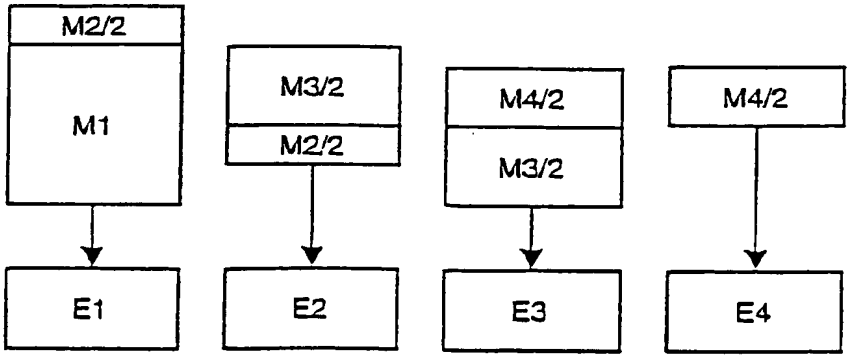

FIG. 18C

JUN 30 2004
PATENT & TRADEMARK OFFICE

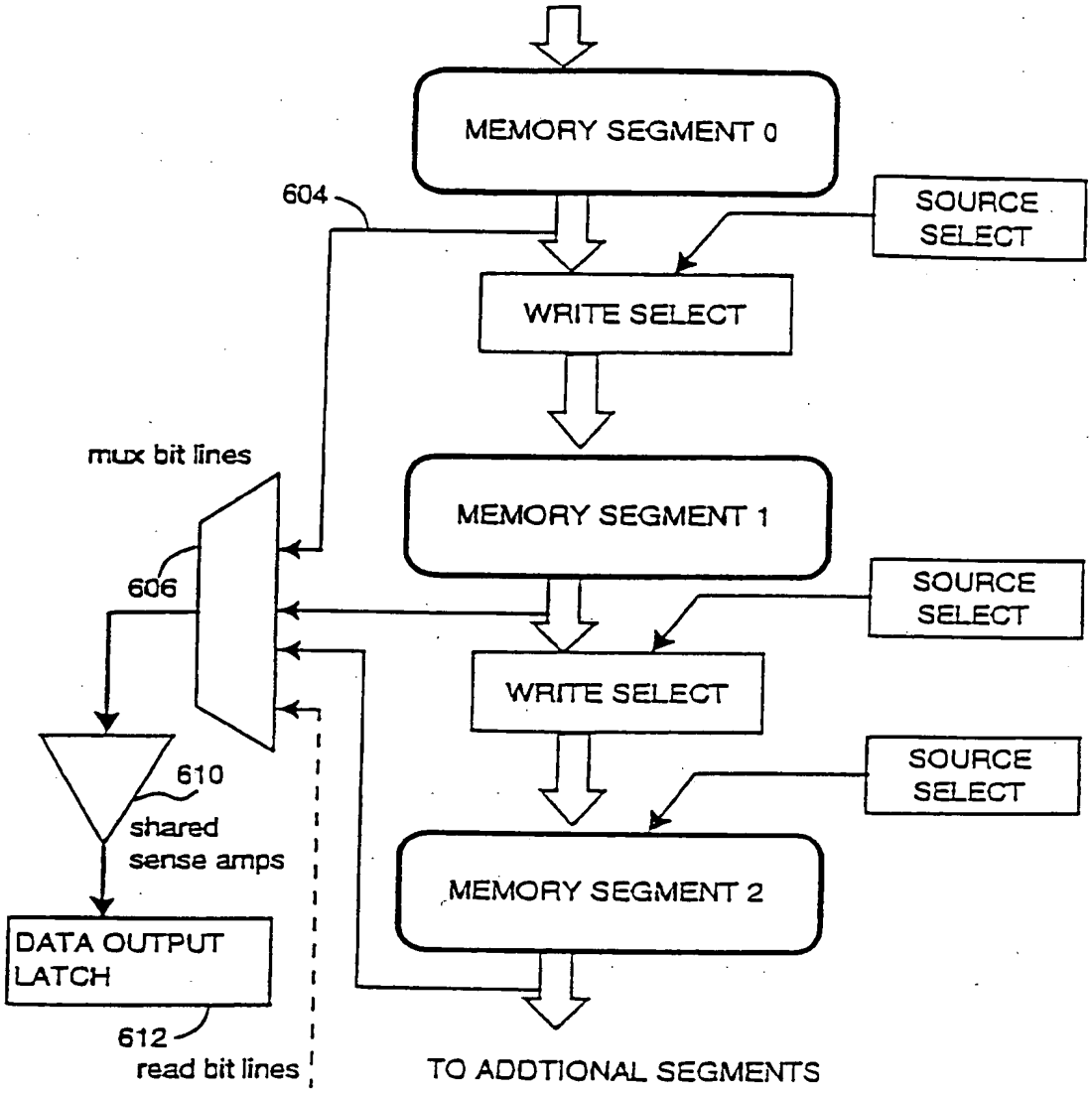

FIG. 19

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

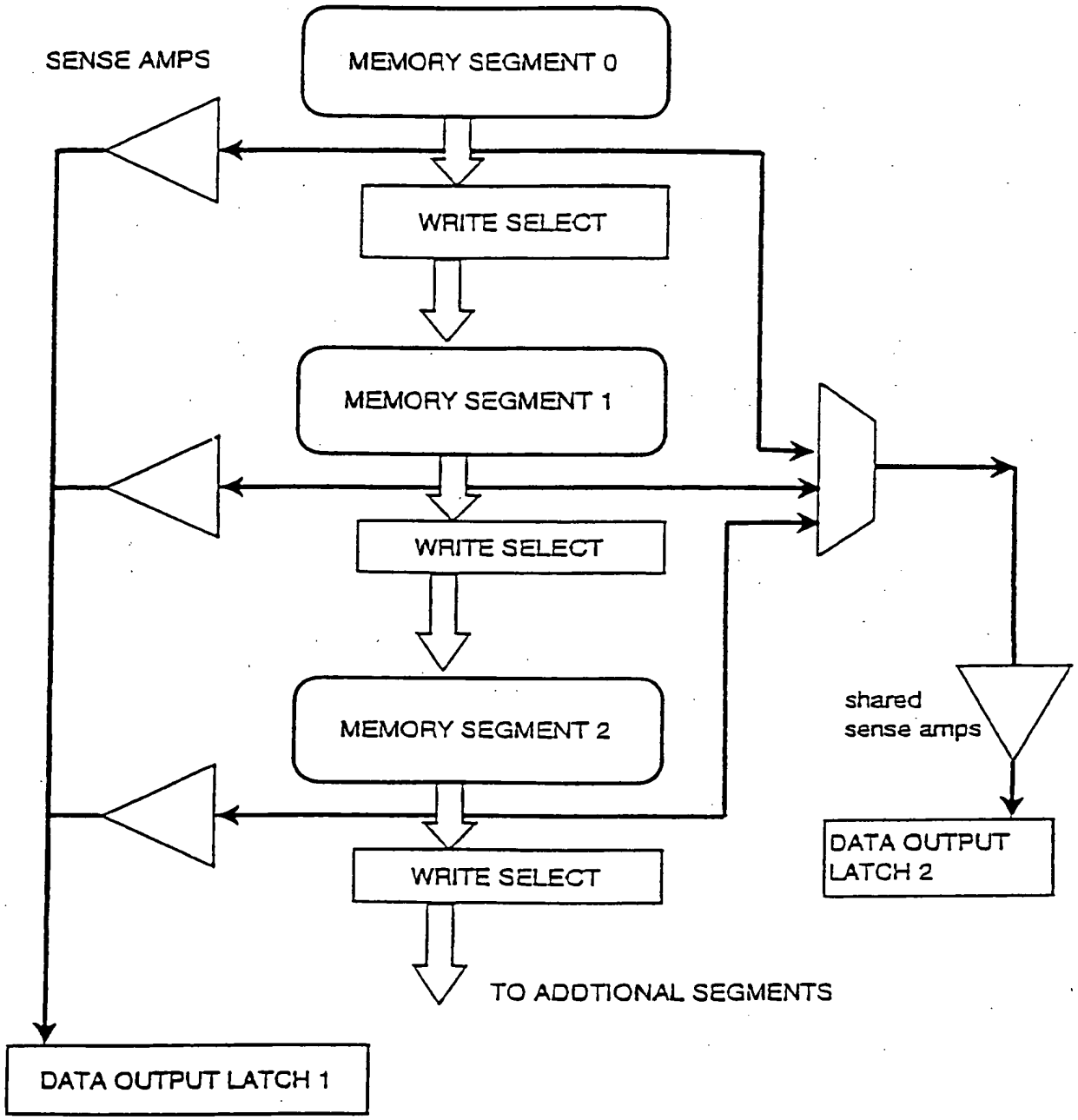

FIG. 20

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

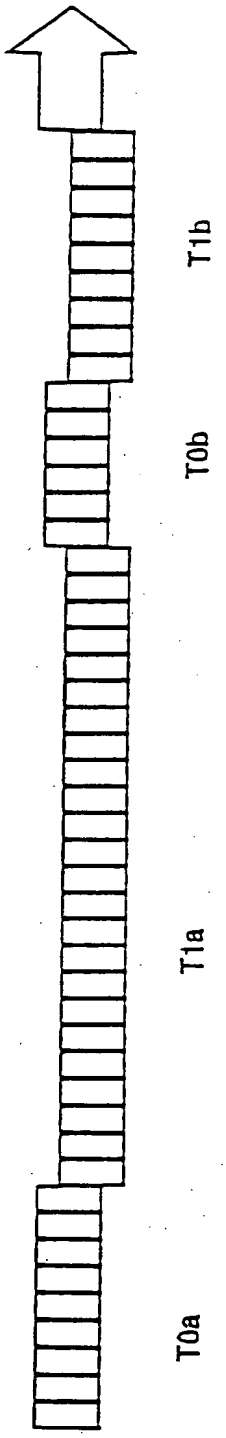

FIG. 21

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

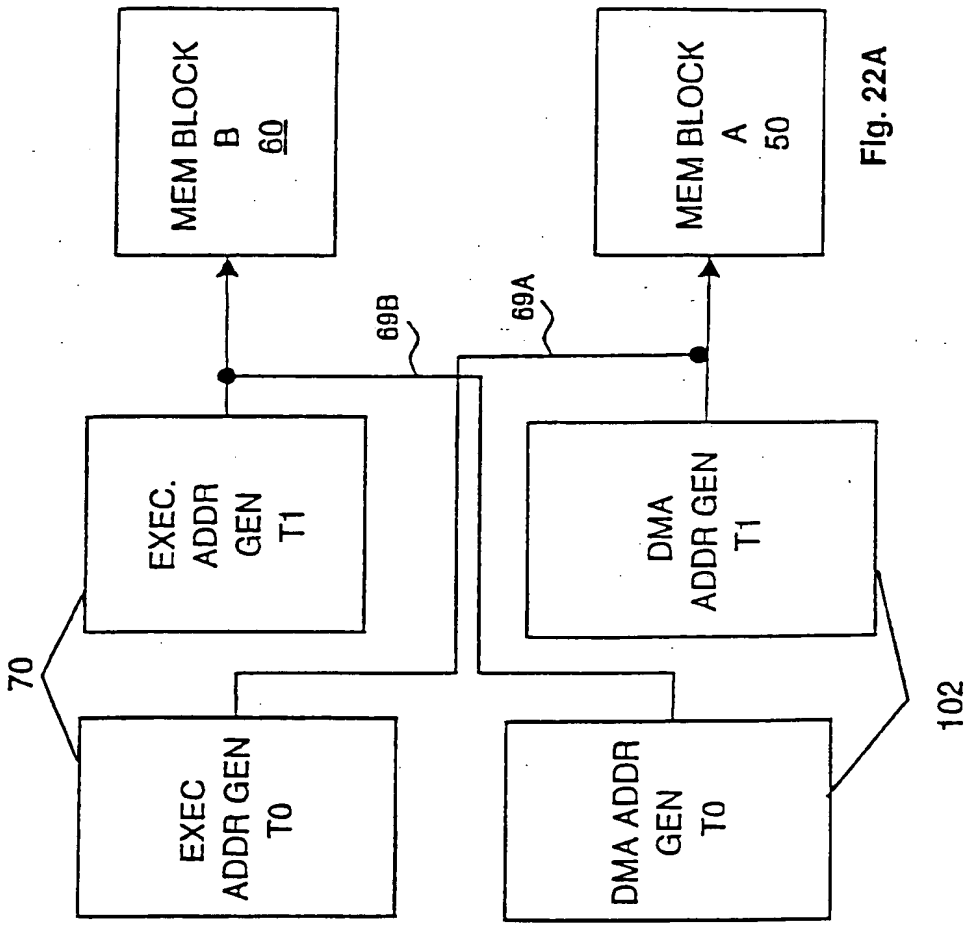

Fig. 22A

OIPE JC8
JUN 30 2004
PATENT & TRADEMARK OFFICE

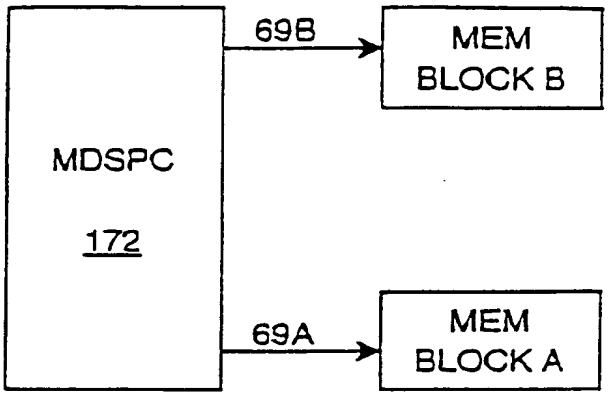

FIG. 22B

JUN 30 2004
PATENT & TRADEMARK OFFICE

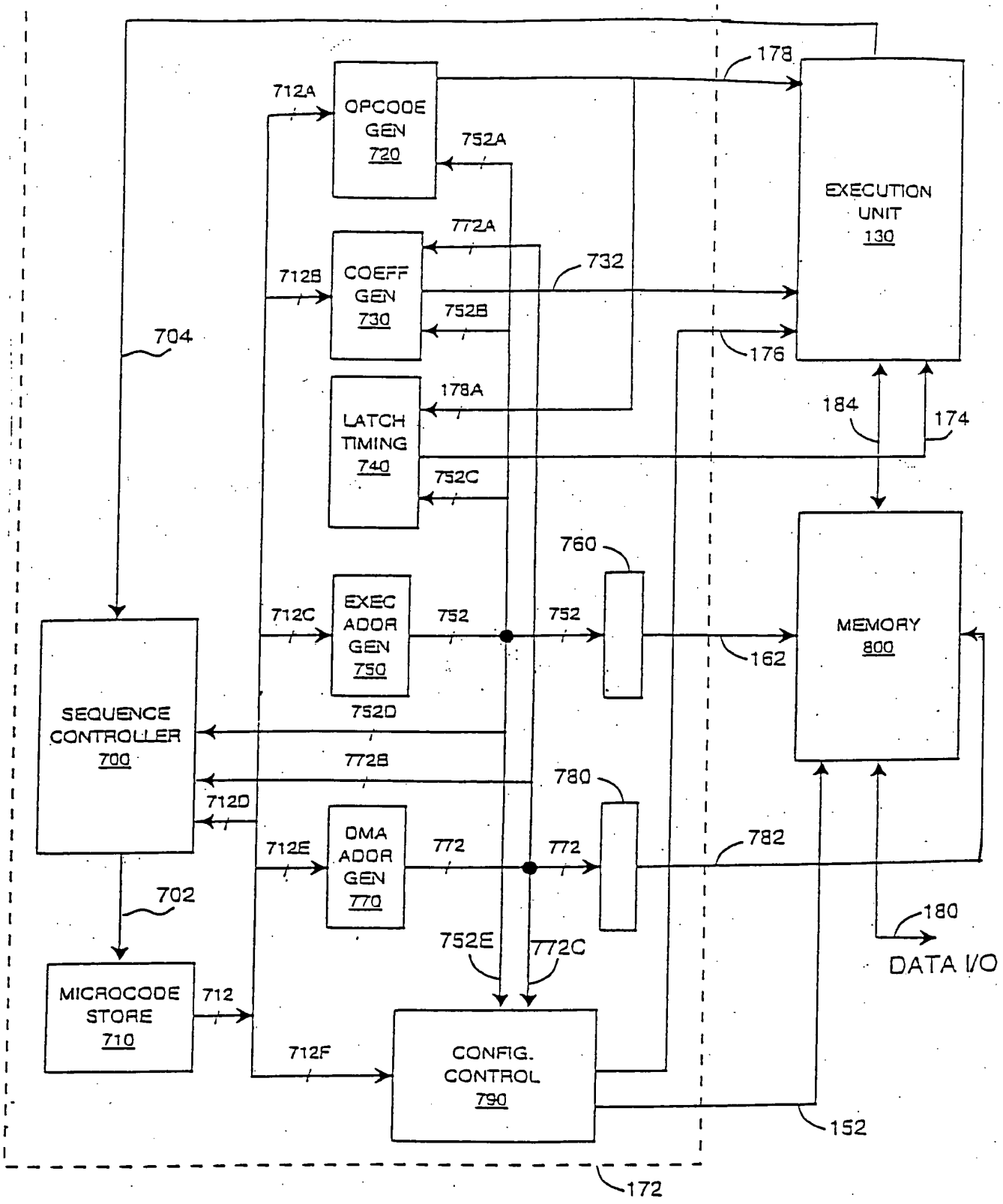

FIG. 23A

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE
JC 81

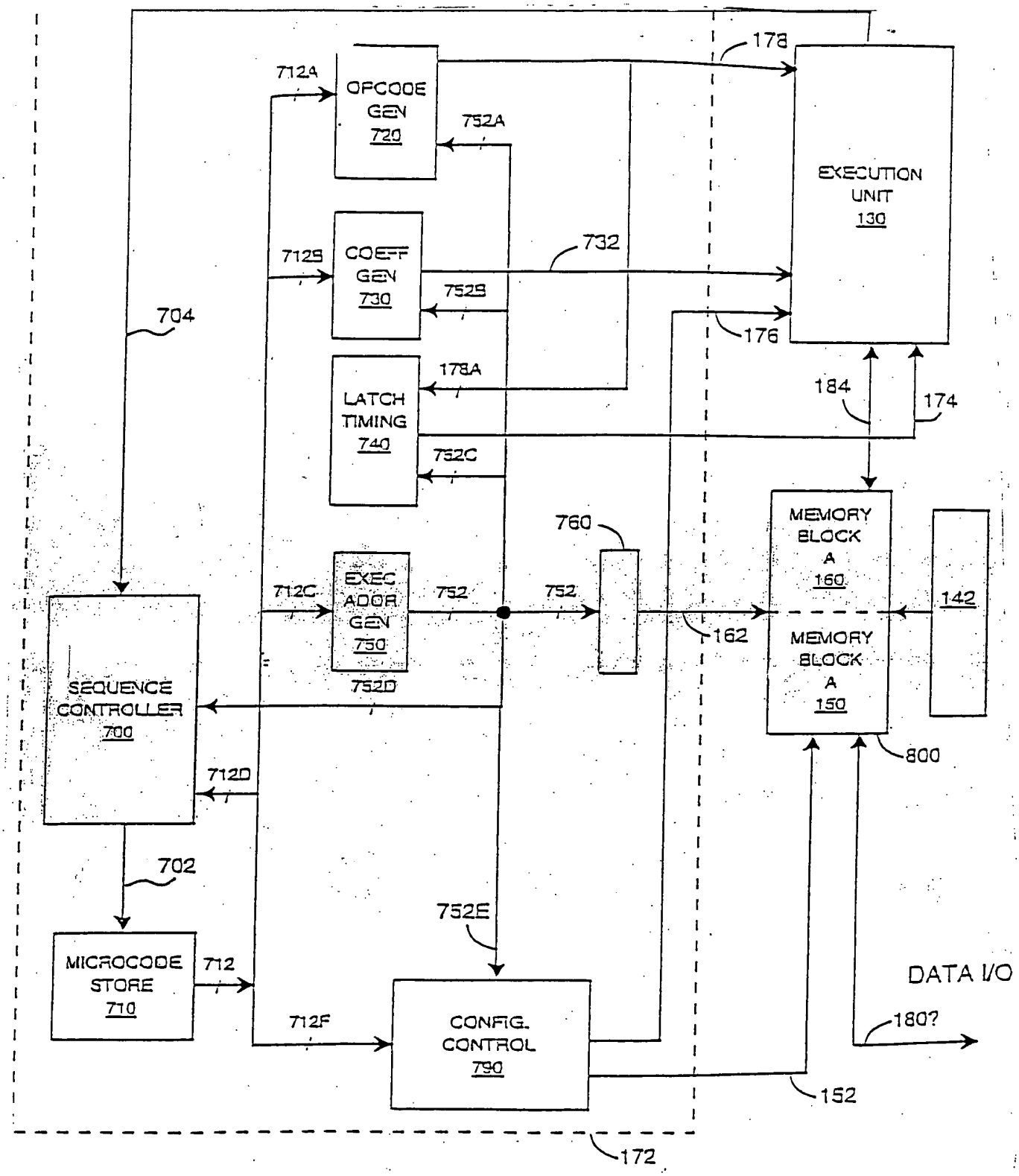

FIG. 23B

JUN 30 2004
PATENT & TRADEMARK OFFICE

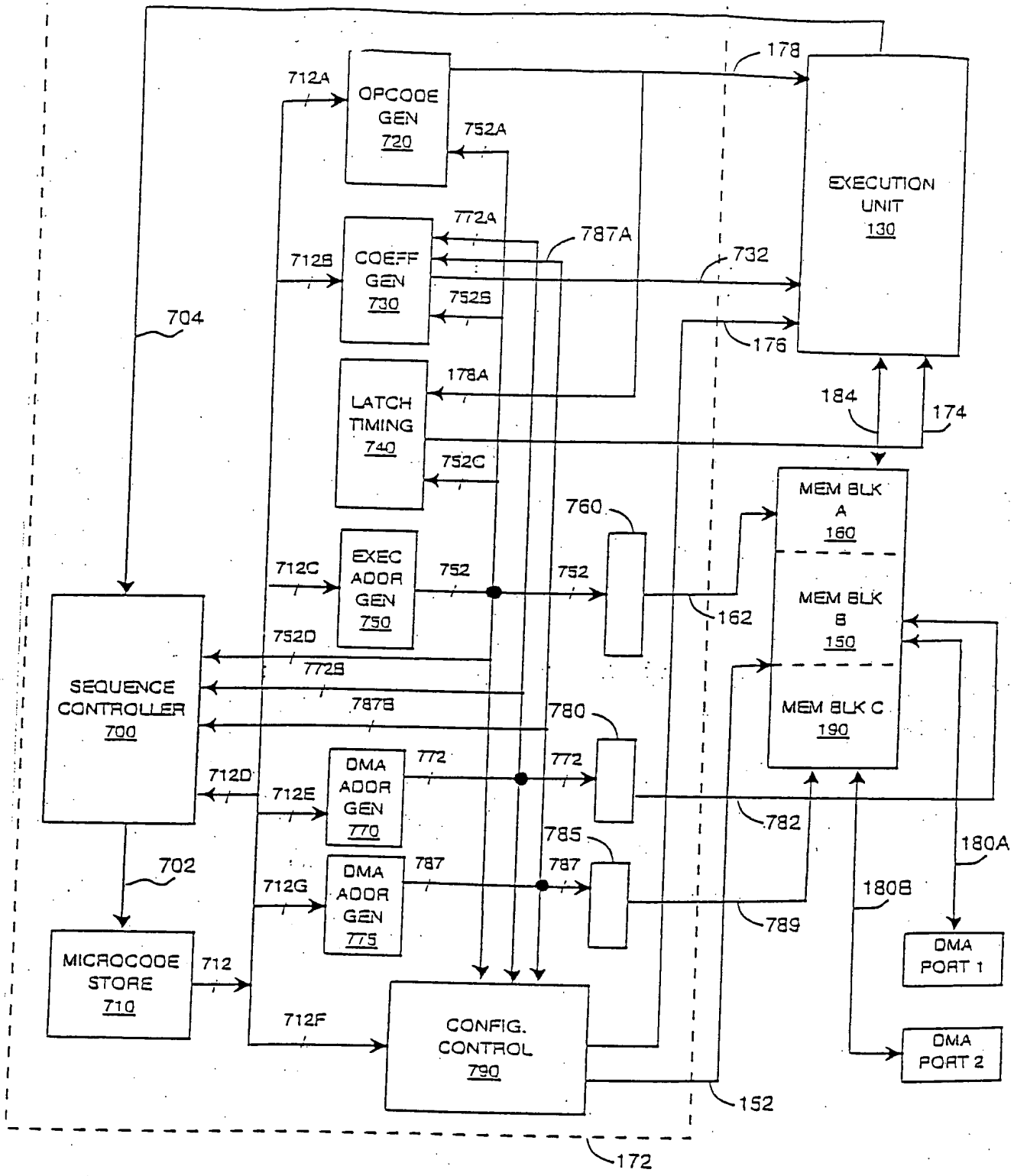

FIG. 23C

OIPE JUN 30 2004 PATENT & TRADEMARK OFFICE JC

ADDRESS	FUNCTION
0x710	FFT RADIX 2
0x905	FIR FILTER
0x2100	CONVOLUTION

FIG. 24A

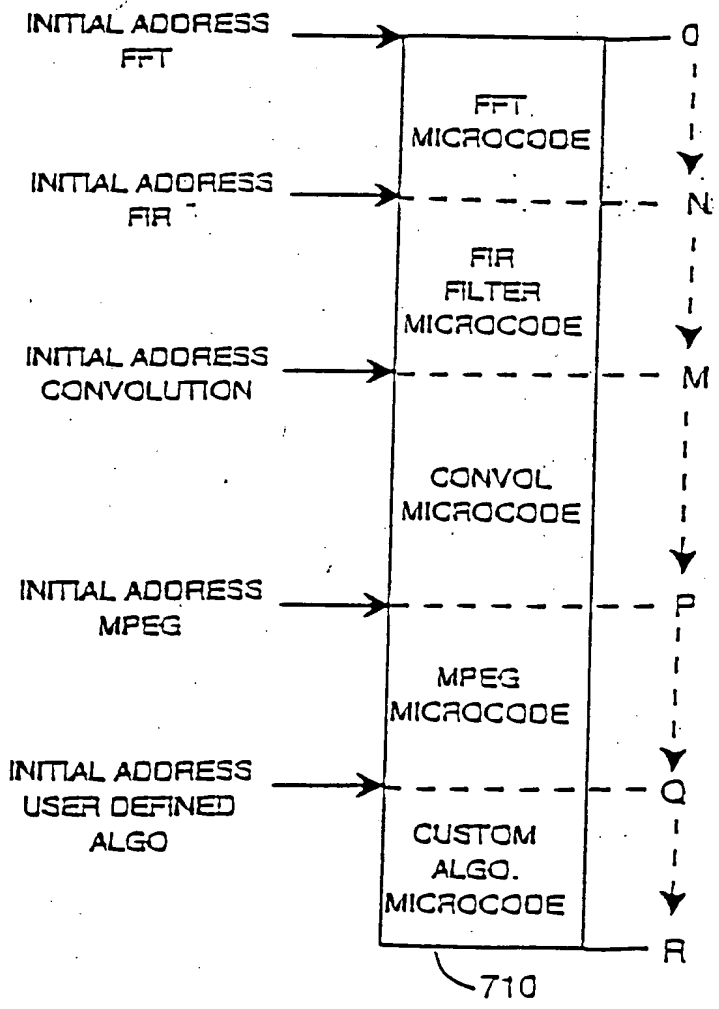

FIG. 24B

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE
JC 81

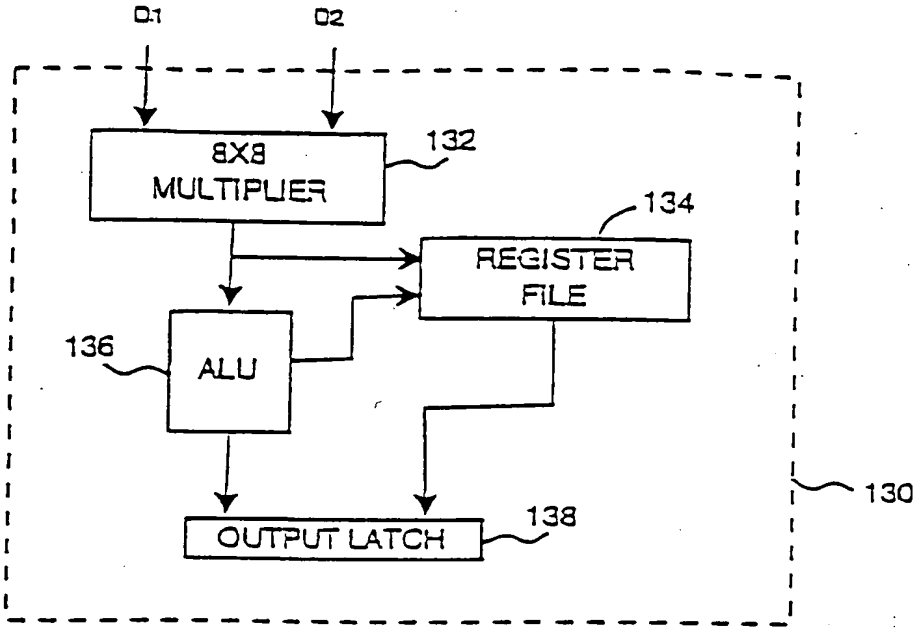

FIG. 25

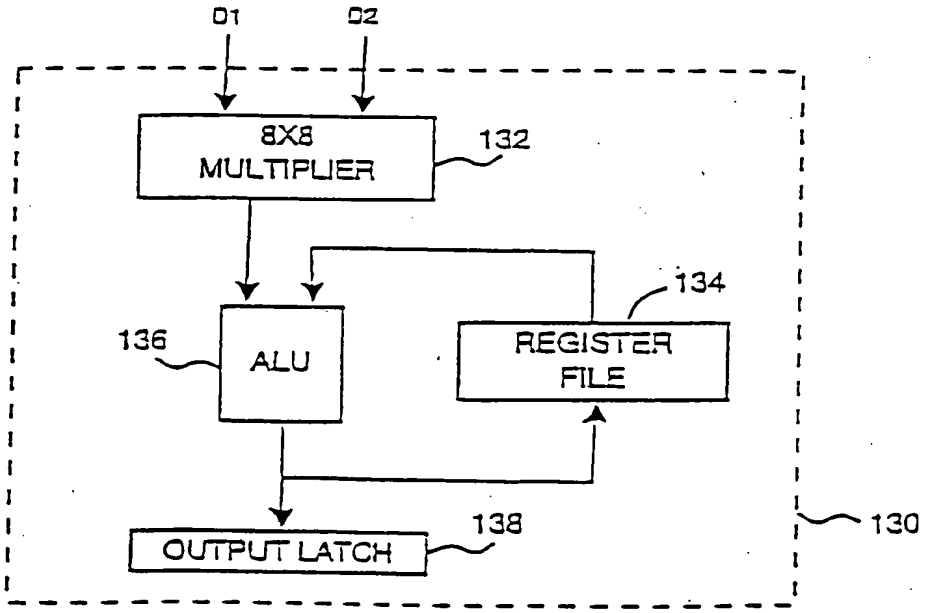

FIG. 26

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

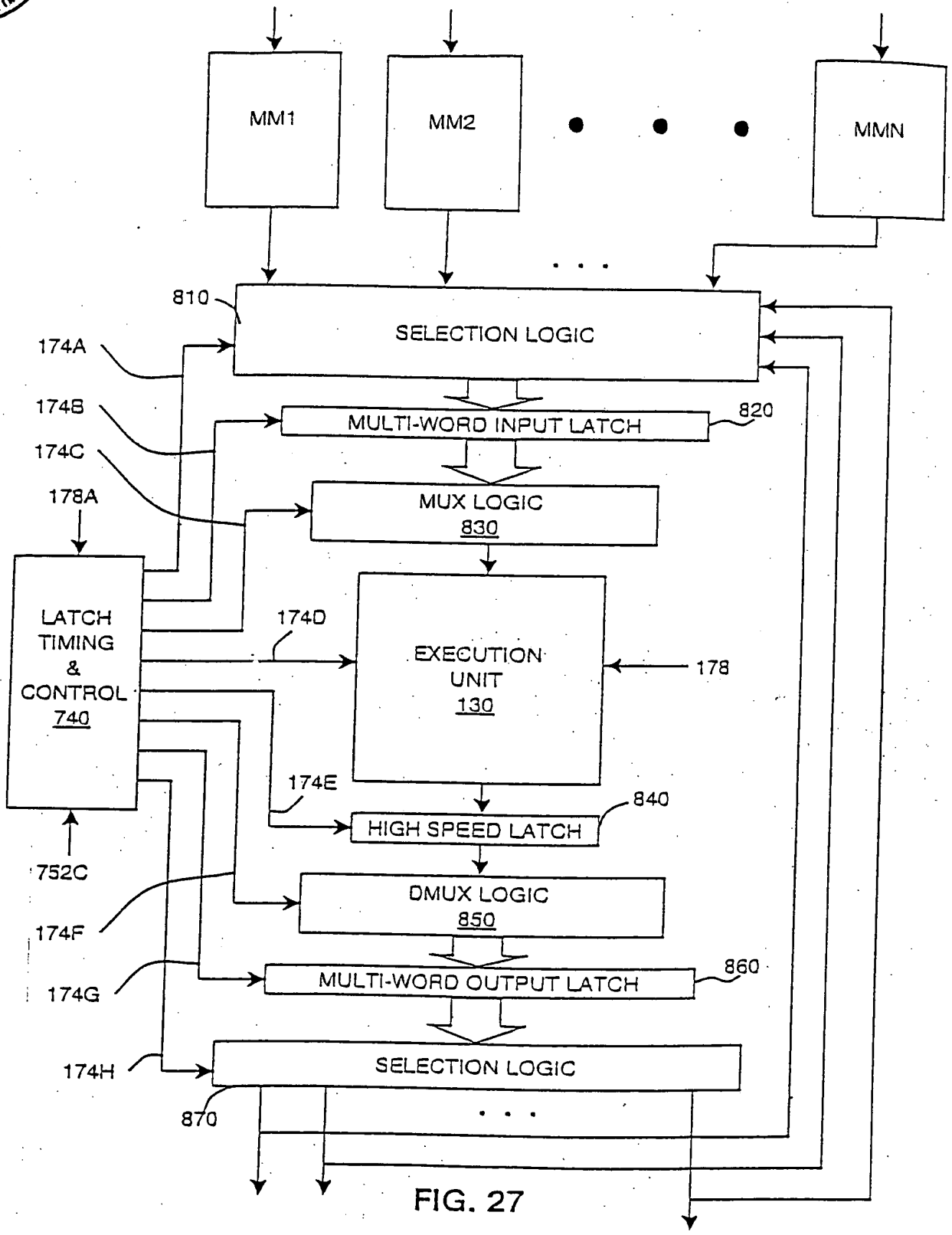

FIG. 27

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

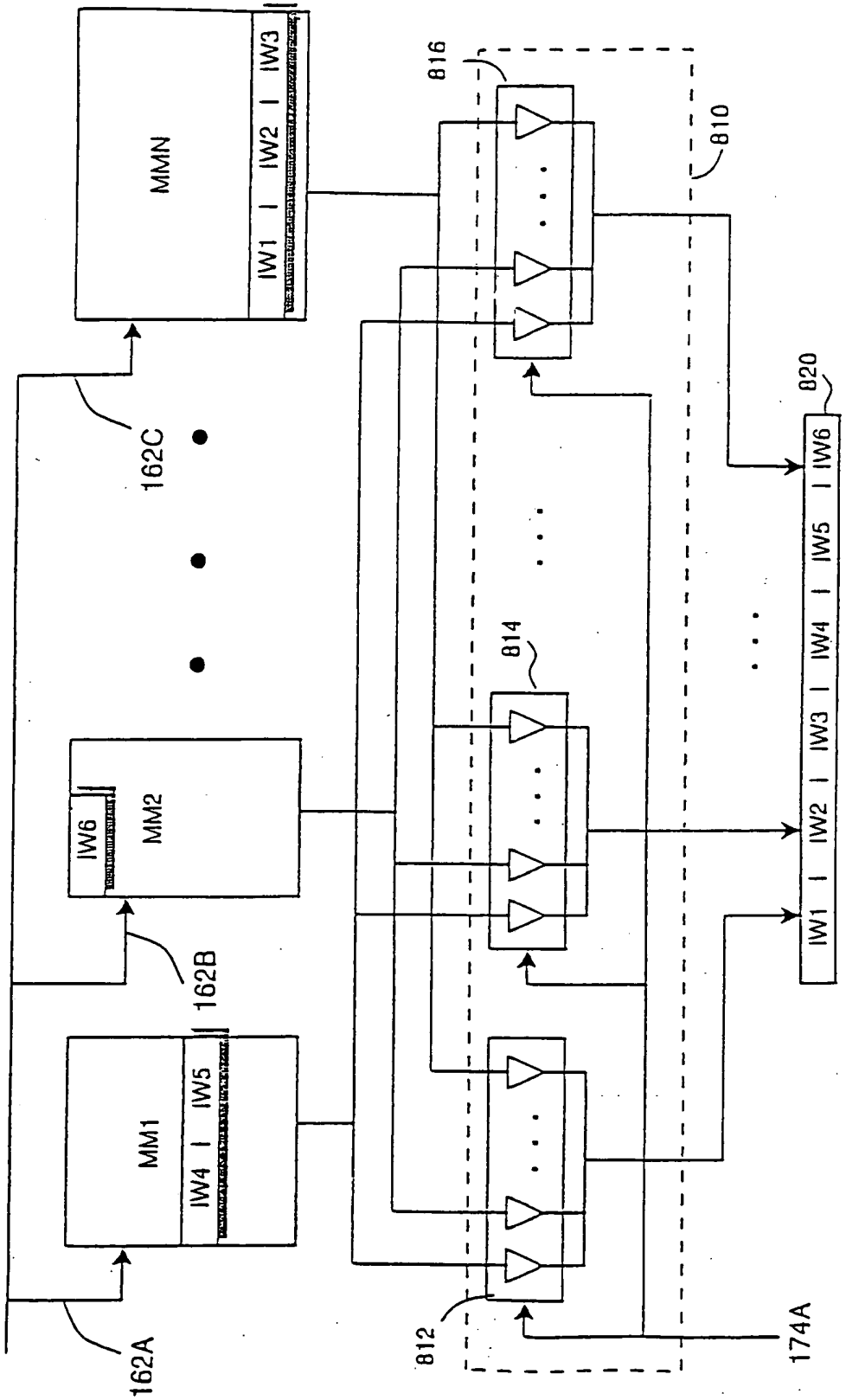

FIG. 28

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

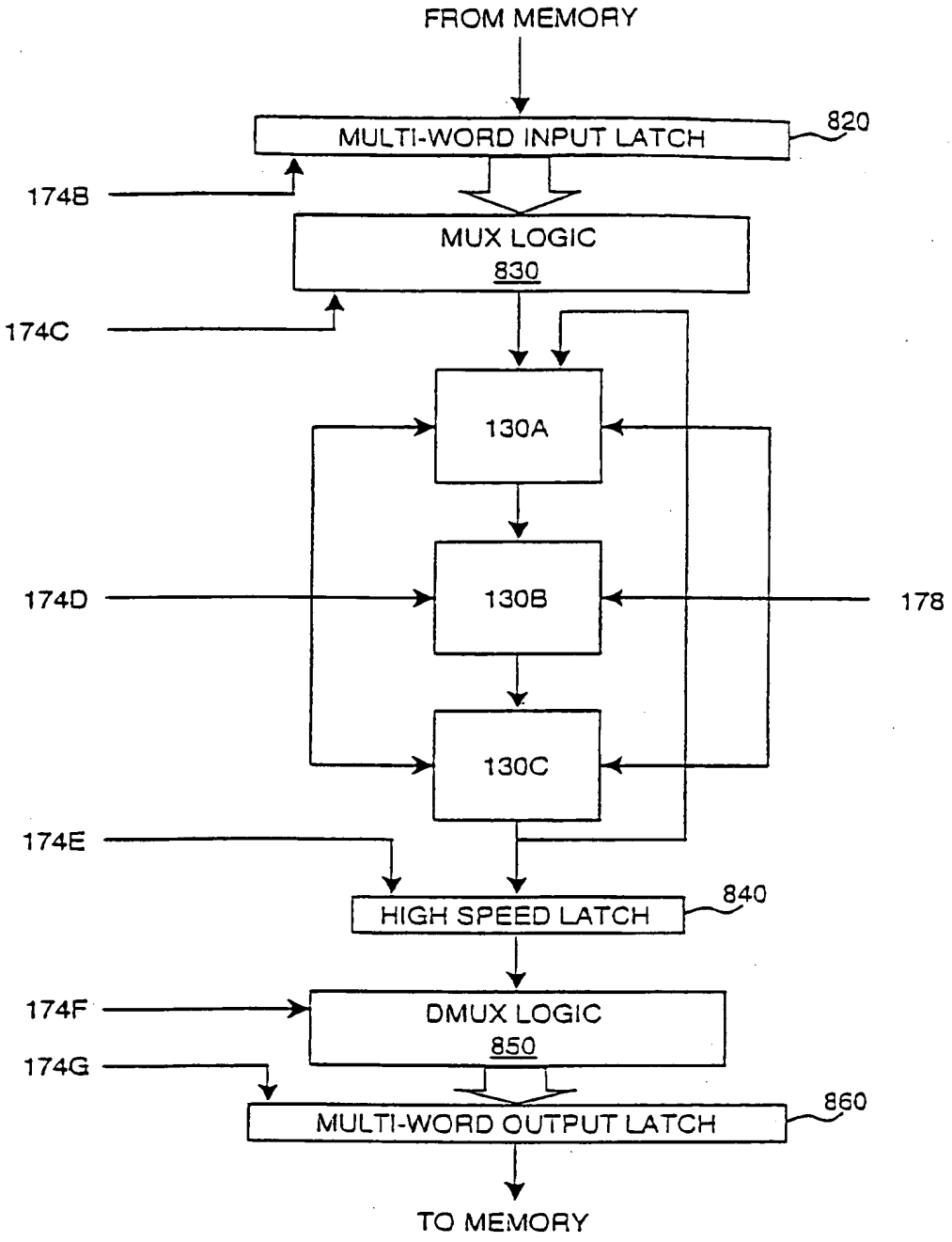

FIG. 29

JUN 30 2004
PATENT & TRADEMARK OFFICE

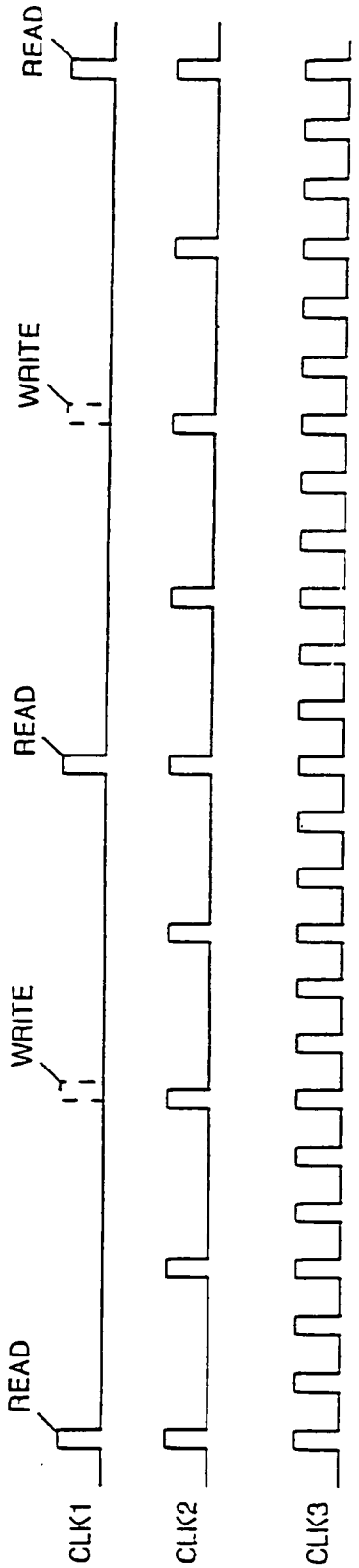

FIG. 30A

JUN 30 2004
PATENT & TRADEMARK OFFICE

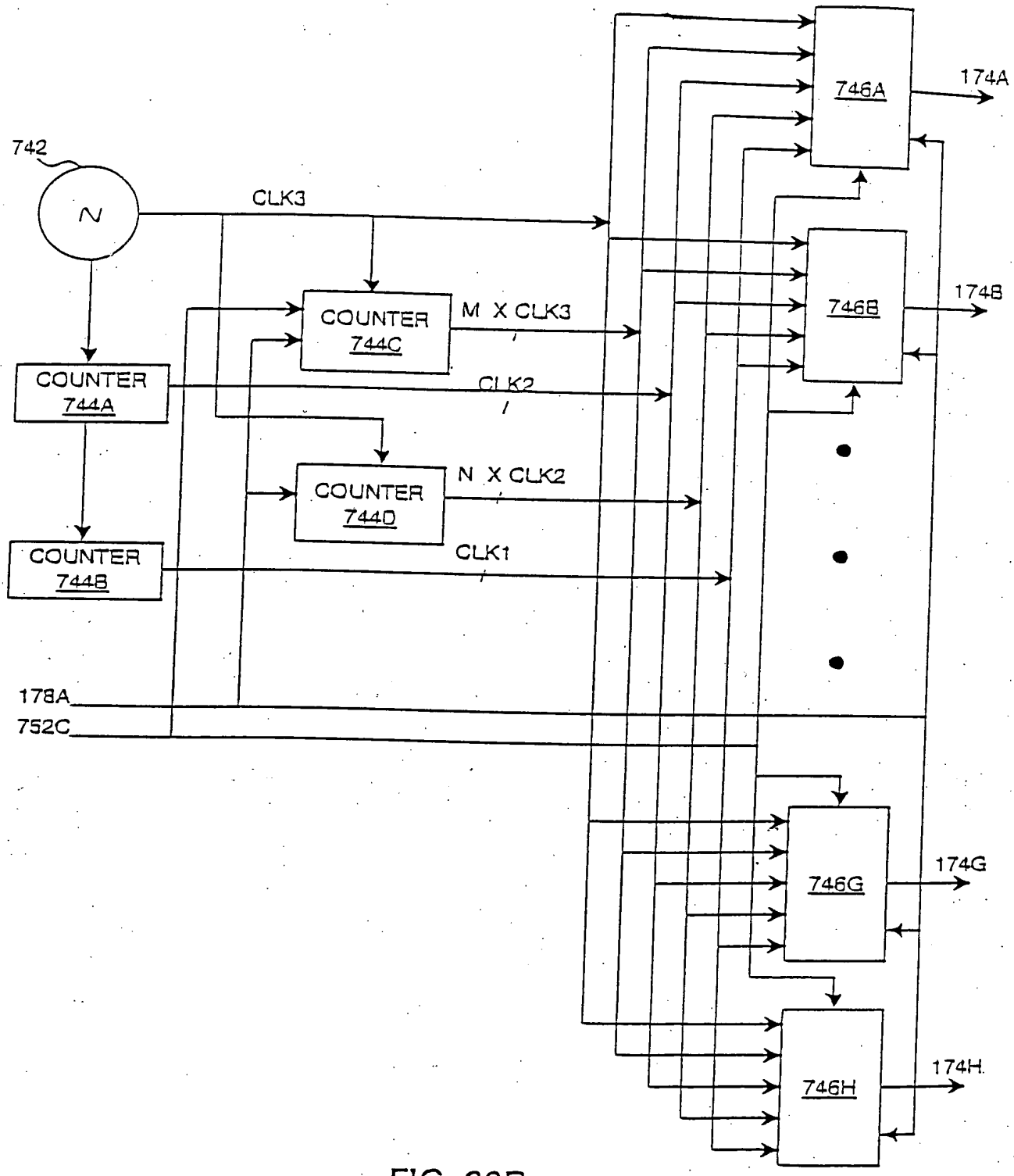

FIG. 30B

OIPE JC8
JUN 30 2004
PATENT & TRADEMARK OFFICE

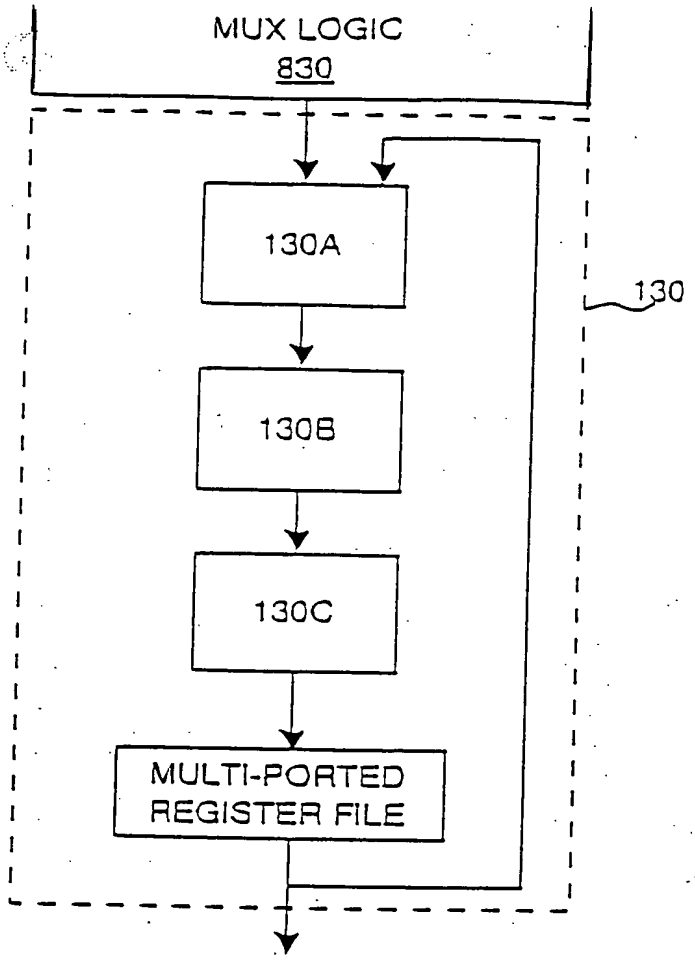

FIG. 31

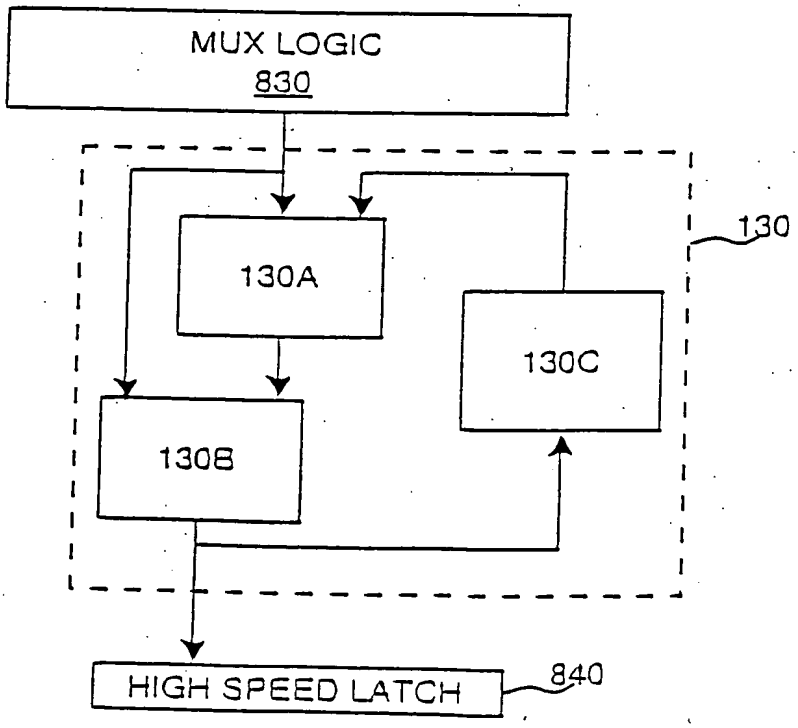

FIG. 32

OIPE JUN 30 2004 PATENT & TRADEMARK OFFICE

OIPE JUN 30 2004 PATENT & TRADEMARK OFFICE

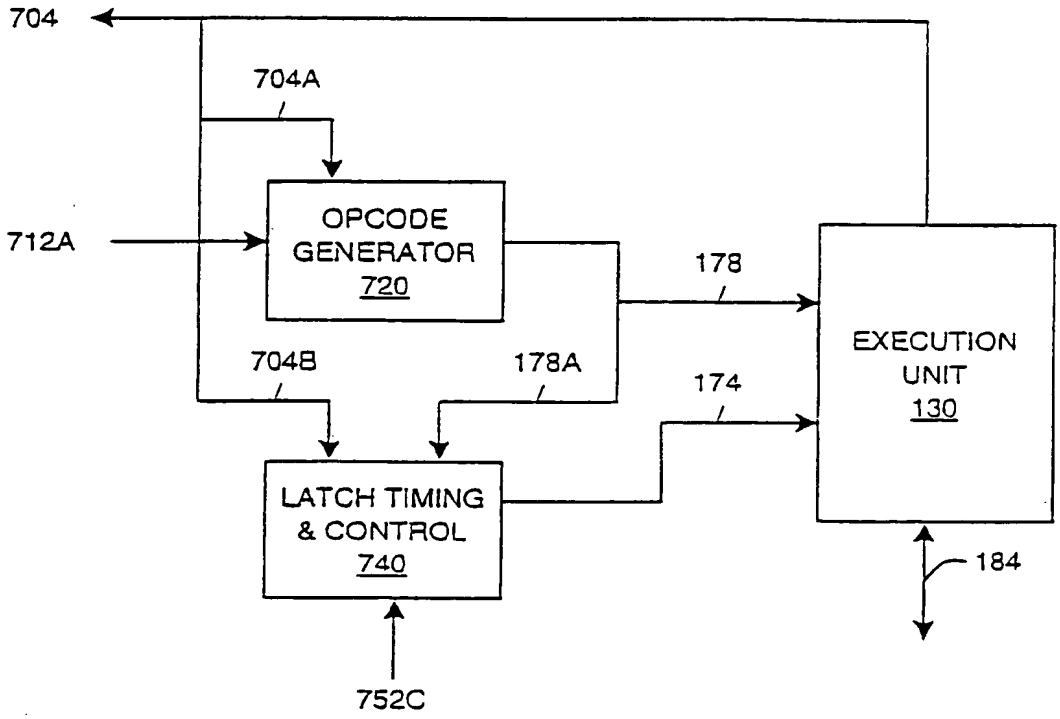

FIG. 33

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

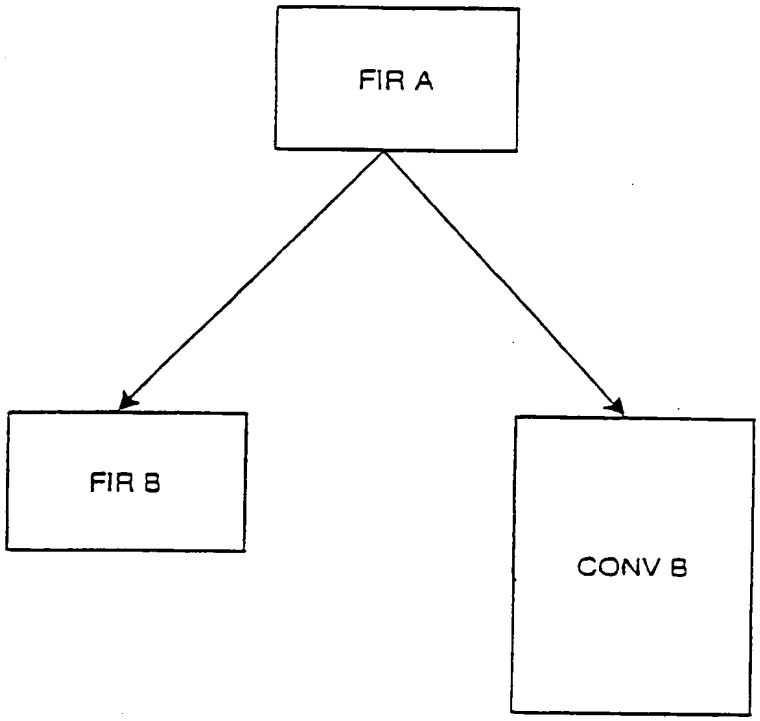

FIG. 34

OIPE
JUN 30 2004
PATENT & TRADEMARK OFFICE

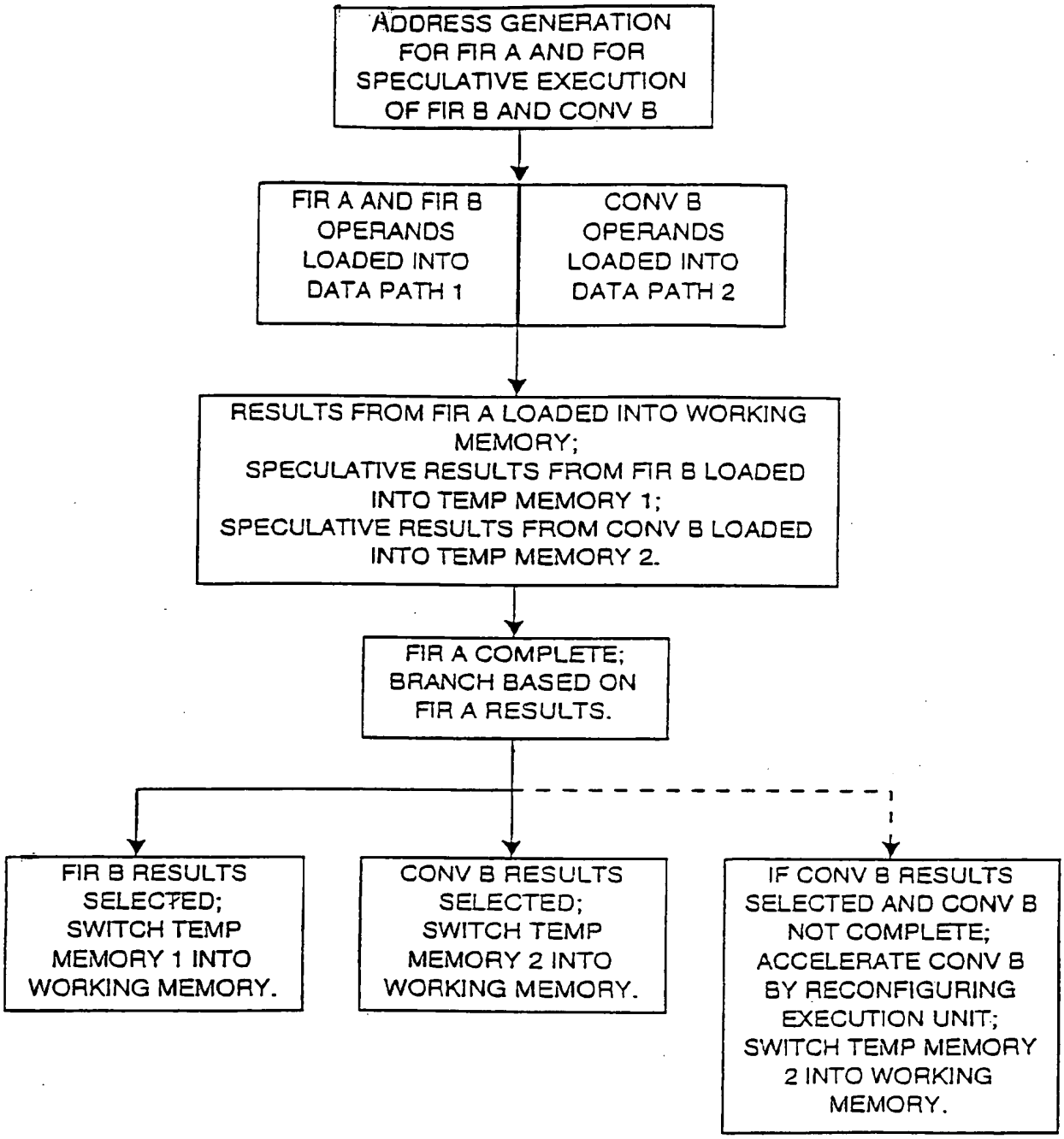

FIG. 35

JUN 30 2004
PATENT & TRADEMARK OFFICE

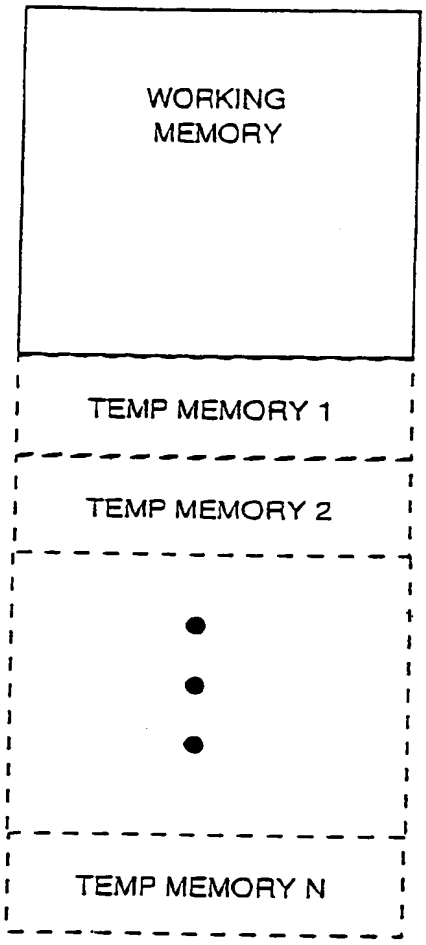

FIG. 36